THE

PLANTER'S GUIDE:

OR,

PLEASURE GARDENER'S COMPANION.

GIVING PLAIN DIRECTIONS, WITH OBSERVATIONS,

For the PROPER DISPOSITION and MANAGEMENT of the various TREES and SHRUBS for a PLEASURE GARDEN PLANTATION.

TO WHICH IS ADDED,

A LIST of HARDY TREES and SHRUBS for ORNAMENTING ſuch GARDENS:

CONCISELY EXHIBITING AT ONE VIEW

The GENERA, CLASS, ORDER, and SPECIES of each KIND; the COUNTRIES they are NATIVES of; the HEIGHT each uſually grows to; their FOLIAGES, FLOWERS, FRUITS, and SEEDS; the SOIL they thrive beſt in; and their PROPAGATION.

THE WHOLE ALPHABETICALLY DIGESTED.

WITH A CATALOGUE OF THE PRINCIPAL VARIETIES OF EACH KIND.

Embelliſhed with COPPER-PLATES proper to the Subject.

By JAMES MEADER, late GARDENER to his GRACE the DUKE of NORTHUMBERLAND.

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On PLANTATIONS *and* PLANTING.

OF the major part of the PLEASURE GROUND PLANTATIONS in this kingdom, which at much labour and expence have of late and former years been executed, the Trees and Shrubs they contain will be found, on examination, to be very injudiciouſly arranged. The reaſon why many plantations, after eight or ten years planting, appear unſightly, is owing to an improper intermixture of the plants; whereas had they been rightly diſpoſed, we ſhould not ſee ſo many hollows or openings, nor bottoms of trees with decayed branches, but the whole would be covered with verdure down to the very front, in an eaſy theatrical manner, and in ſummer ſcarce a ſtem viſible: but how often may be ſeen a tall growing tree near the front of a plantation, and further back various humble ſhrubs, rendered ſtill more diminutive by the over-ſpreading branches of ſuch tree, whoſe proper place ſhould have been behind thoſe leſs growing plants, where they might more freely enjoy the benefit of ſun and air ſo neceſſary for vegetables. This error of planting in part ariſes from the planter's not conſidering, at the time of ſetting the young trees and ſhrubs, to what height they commonly grow when arrived at perfection; alſo there may be divers plants among the collection drawn from the Nurſery, whoſe heights bear no proportion to each other when grown up, and are therefore too often promiſcuouſly planted according to their preſent appearance of ſize. To which may be added, the unneceſſary hurry the planter is commonly in to get the plants into the ground as ſoon as poſſible, leſt the roots ſhould dry. This work might more leiſurely be done by firſt properly diſpoſing the plants near where they are to be planted, and covering their roots with earth, wet ſtraw, &c. to keep them moiſt; and when the holes to receive them are ready, they may be drawn out and planted judiciouſly with that care they require: for as the future beauty of the plantation depends on the firſt arrangement of the plants, too much attention cannot be given to their diſpoſition and proper intermixtures.

HAVING given theſe obſervations concerning Pleaſure Ground Plantations in general, it may be neceſſary to notice ſome particulars of planting, common of late years. Where the plantations are not very large, it has been cuſtomary to intermix deciduous trees with evergreens. This mode of diſpoſition is not diſpleaſing in ſummer, when the deciduous trees diſplay their foliage, which makes a good contraſt with the dark evergreens; but at the approach of winter, and during that ſeaſon when the deciduous trees are ſtript of their verdure, to many perſons ſuch appearance is diſguſting; and for this reaſon it is, many Gentlemen of taſte, in their plantations, have ſeparated the evergreens and deciduous trees into diſtinct clumps, which certainly have a better effect than to ſee a pine, or fir, ſurrounded with a number of leafleſs trees: therefore, where ſuch intermixtures are required, it would be more pleaſing to the eye, to diſpoſe each kind, in large groups, alternately; for in the ſummer months they will form a more ſtriking contraſt with each other, than by the more common method of intermixed planting; and in winter the evergreens will appear more conſpicuous, than when

when ſingly planted among deciduous trees; therefore if it is agreeable to the eye in continued plantations, how much more ſo will the appearance be where the plantation is laid in diſtinct clumps, or even in open groves?

The beſt ſoil for trees and ſhrubs to thrive in, is undoubtedly a rich loam of four or more feet in depth. In ſuch land, moſt plants will grow in the greateſt vigour and luxuriancy; but many places are not furniſhed with ſuch ſoil where it is required to form new plantations, many ſites being compoſed of a ſtrong clay, others of a dry gravel or ſand, ſome of chalk, &c. and many with various intermixtures; it ſhould therefore be well conſidered in either of theſe kinds of earths, what trees and ſhrubs will agree and beſt thrive therein. This is a matter of no ſmall conſequence to the future beauty of the plantation; for as there are many hardy kinds of trees, which will grow in almoſt any ſoil, ſo there are others which will make but little progreſs, unleſs they have ſuch earth to grow in as is more ſuitable to their nature; ſome plants delighting in a ſtrong clay, others thriving beſt on a moderately dry ſoil, and many where the land is frequently overflowed with water. For this reaſon, it were better, where the ſoil is of the undeſirable kind, to relinquiſh having a great variety of plants thereon, chuſing only thoſe of more certain growth, which may thrive tolerably well; not but ſome few of other kinds may be tried, as ſometimes curious trees or ſhrubs will grow where it might be expected they would not ſucceed.

Previous to the act of planting, and particularly where ſmall trees and ſhrubs are intended to form the plantation, the earth ſhould be well trenched up, and all noxious weeds taken out, which if left would be of much detriment to the growth of the plants, particularly the firſt and ſecond years. If the ſoil is a ſtrong clay, it ſhould be turned up in autumn, that the ſun, air, and froſt may meliorate the parts againſt the ſeaſon of planting; but if the land is of ſuch a gravelly nature as will not admit of trenching, the ſurface may be broken up to be in readineſs for the uſe of the young plants which are to be put therein, and if ſuch land is very poor, or inclinable to barrenneſs, the ſoil may be conſiderably helped with manure of a contrary nature, if conveniently to be obtained, and the plantation not very extenſive; or at each place where a plant is intended to be ſet, a hole may be opened at leaſt three feet wide, and two feet deep, (or as much wider and deeper as you pleaſe) which may be filled up with a ſtrong loam, or other good rich earth, intermixed with the broken up ſurface, to be in readineſs for the reception of the trees and ſhrubs to be planted therein. In this prepared earth the trees will more readily ſtrike root and grow, and be the better enabled to withſtand the droughts of the ſucceeding ſummer.

In ſtrong clayey ſoils, there will be very little occaſion for opening holes deeper than a foot, unleſs ſome very large rooted trees are intended to be planted therein. In this kind of ſoil a preparation of light mould is moſt eligible

eligible for the reception of the roots at planting, as it will fill up the interſtices between, and exclude the air: whereby the young planted trees are more likely to ſucceed in their taking root, than when planted in the natural clayey ſoil; for in ſuch ſtrong lands deep planting ſhould be avoided, as the loſs of many plants proceeds from the ſuper-abundance of moiſture with which in winter ſuch ſoils are ſaturated, and thereby periſhing the roots, unleſs they are of the aquatic kind. Therefore it may be obſerved, that in ſuch ſoils, the trees, &c. ſhould be planted on ſmall hills, or, as the Gardeners term it, above ground; by this means the roots will be more diſtant from the too great quantity of moiſture beneath, and thereby leſs liable to be damaged.

The ſeaſons for planting deciduous trees and ſhrubs are either autumn or ſpring, though the more hardy kinds may be planted any time during the courſe of the winter months, provided the weather is open. If the ſoil is of a dry nature, it is more eligible to take the opportunity of planting when the autumn rains begin to ſet in, the earth at that ſeaſon being warmed by the preceding ſummer's heat, and aſſiſted by the moiſture which then falls: the trees and ſhrubs will immediately ſtrike root, and get tolerably well eſtabliſhed before winter ſets in, and therefore better enabled to withſtand any drought which may happen the ſucceeding ſpring or ſummer. But where the land is a very ſtrong loam, clay, or otherwiſe naturally moiſt, the ſpring ſeaſon is to be preferred for planting, eſpecially evergreens, and particularly thoſe of the pine or fir kinds, with ſome others; altho' as was before obſerved with regard to deciduous trees in light warm ſoils, autumn is to be preferred. The ſame reaſon holds good in reſpect to evergreens, provided the autumn rains ſet in tolerably early.

When the ſeaſon for planting is arrived, and the ground ready for the reception of the trees and ſhrubs, it will be neceſſary previous to ſetting them in the ground, to diveſt them of ſo much of their branches as will bear a proper proportion to the loſs of roots occaſioned by taking them up. This operation ſhould, for deciduous trees, be performed immediately before planting, and may be done by thinning out the branches, ſo as ſome be ſhortened cloſe to the ſtem, where they are too thick, and others left a foot, or eighteen inches in length, for perſpiration, reſerving the extreme ſhoot; for by thus diſburthening the ſtem of its unneceſſary branches, the winds have not the power of diſturbing the tree while taking root; and this thinning is otherwiſe neceſſary, for as the root is reduced, the top ſhould have no more branches than can be ſupplied therefrom after planting, ſo that the whole may ſhoot with vigour at the proper ſeaſon.

Shrubs ſhould alſo be thinned out diſcretionally for the ſame reaſons. The roots alſo ſhould have their proper pruning by cutting off all ſmall trifling fibres, and the extreme ends of what are intended to remain. But with regard to evergreens, the knife muſt be uſed more ſparingly, and particularly with thoſe

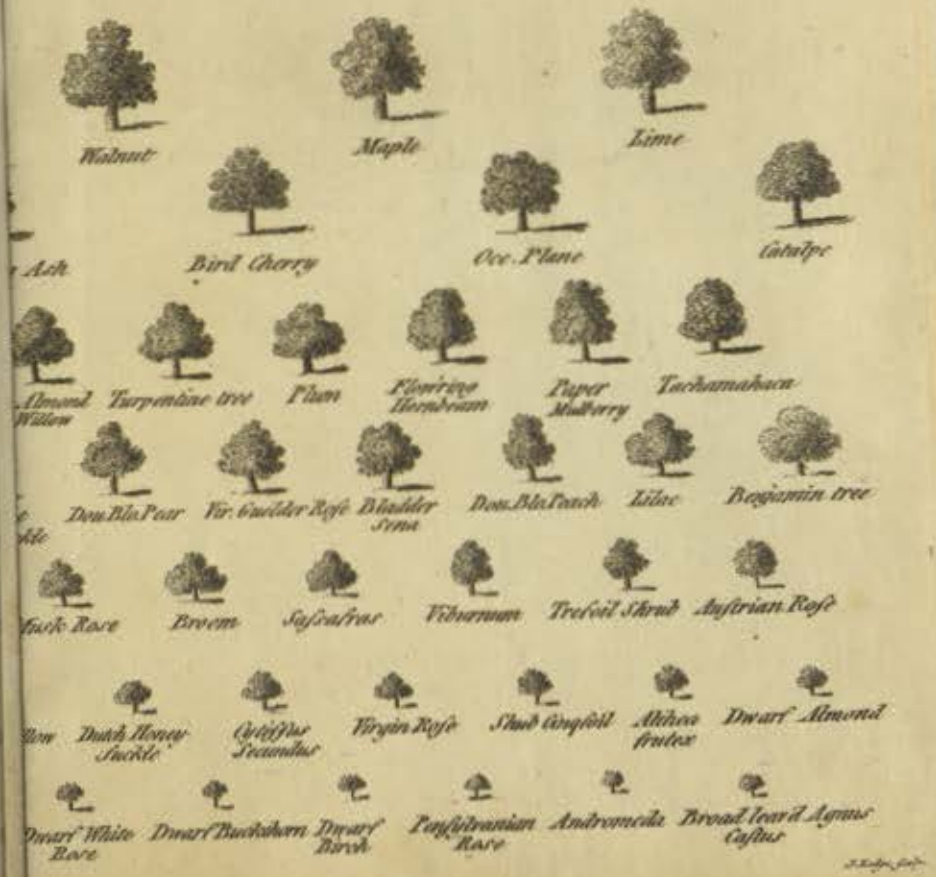
thoſe of the reſinous kinds. The taking up and removal of ſuch plants require alſo more care and caution. Many of them (to inſure ſucceſs) ſhould be taken out of the nurſery with as much earth about their roots as poſſible, whoſe extremes ſhould be preſerved as much as can be intire; and if they are deſtined to be removed to a great diſtance, ſhould be planted immediately, on taking up, into wicker-baſkets, which may be planted with them, and thereby the ball of earth about their roots preſerved whole, ſo that the plants may be but little checked by their removal; nor ſhould their branches be pruned as deciduous trees are, eſpecially firs, junipers, &c. Some few they may be diſburthened of when very thick, and of the lower branches; but this muſt be done with diſcretion, although there are divers other kinds of evergreens of a hardier nature, which will bear much rougher uſage, and therefore require not ſo much care in their removal.

When the trees and ſhrubs are properly planted, if the ſeaſon ſhould prove very dry, and water near, let each plant have a good watering, then mulch the ſurface over their roots with either litter, turf, ſtones, or any thing that will prevent the froſt from penetrating the roots in winter, or the heat of the ſun and air in ſummer, ſo that they may be kept in a proper ſtate for ſtriking root. Afterwards nothing more is required, than keeping the ground clear from weeds, for at leaſt the firſt and ſecond years; but as the lower front ſhrubs will not arrive in that time to a ſize ſo as to reſiſt the weeds, which, if left ſtanding, may ſurround them much to their prejudice, the plants ſhould therefore be kept clean for a longer period of time, particularly where herbaceous plants are intermixed: to which may be added, the propriety of pruning the major part of the ſhrubs each year; but this ſhould be done with judgment, cutting out the very weak, and alſo the luxuriant branches, diſpoſing each plant as it grows into an handſome form. This will not only aſſiſt their growth, cauſe them to flower ſtrong, but be a means towards making an agreeable appearance when full grown.

The diſtance the trees and ſhrubs ſhould be from each other when planted, depends on their ſize when full grown: it may be therefore neceſſary to obſerve, that as the largeſt and talleſt growing trees ſhould be planted at the back part of the whole, they alſo require more ſpace left between them than thoſe of a leſs growth; not that they ſhould be ſet ſo far aſunder from each other as may be proper for them to be when grown to their full perfection, but ſhould be planted much thicker; for they are not only a ſhelter to the leſſer plants in the infancy of their growth, but are alſo a protection to each other while young; for when they are grown too cloſe, they may be thinned out diſcretionally, either for domeſtic purpoſes, or, if not too large, may be tranſplanted elſewhere, particularly foreſt trees, moſt of whom will bear removal at a very conſiderable ſize: ſuch trees are very proper for the embelliſhment of parks, &c. either ſingly or in clumps; and, if properly managed in the plantation, their ſtems will appear ſtrait and handſome: beſides, when they are of ſome tolerable ſubſtance, they can

can better refiſt the cattle than thoſe of a leſs growth from the nurſeries. But this is principally to be underſtood of deciduous trees, as few very large evergreens, and particularly thoſe of the pine kind, will bear ſuch tranſplanting; for as they in general receive their nouriſhment from the extreme parts of their roots, and theſe being far extended when the trees are grown large, muſt, in the operation of taking up, be deſtroyed; and this accounts for ſo many evergreens of that kind appearing in a ſtunted ſtate, by being planted of too large a ſize. Therefore at firſt planting, for trees of the largeſt growth ten feet, and thoſe of a leſs growth eight feet diſtance, may be deemed ſufficient, reducing the diſtance of the others as their ſizes diminiſh; but the ſhrubs which compoſe the front part of the plantation, ſhould be planted at the diſtance they are intended to remain at the time they are full grown, which ſhould be ſo near as at that future period they may touch each other; and theſe diſtances muſt be judged of according to the growths of the different plants; for at firſt planting, the intermediate ſpaces between the ſhrubs may be occupied by perennial, biennial, and annual flower plants: which, while the ſhrubs are growing, will not only fill up the vacancies, but be very ornamental to the new plantation.

Plate. 1.



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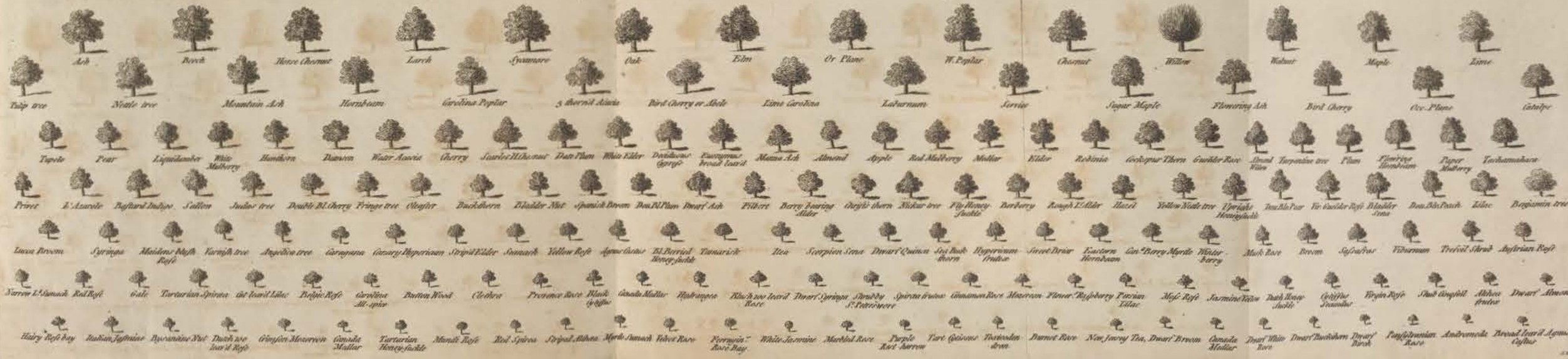
to the eye.

marked H, it implies an her-
ifies a male flower, as does F a
umn, F ſtands for fruit, and S

DISPOSITION of Deciduous Trees *and* Shrubs *for a PLANTATION.*

Plate 1.



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it is marked H, it implies an her-
ſignifies a male flower, as does F a
column, F ſtands for fruit, and S

Disposition of Trees *and* Shrubs *for an Evergreen Plantation.*

Plate 2.

To the READER.

THE contents of the preceding pages being intended to anſwer the purpoſes of more voluminous works on Trees, Shrubs, and Pleaſure Ground Plantations, as all the neceſſary and eſſential parts thereof, and as much as may be deemed uſeful and directive in the foregoing, are preſented as an epitome for the unexperienced Planter's guide; the following pages, therefore, as an aſſiſtant in the choice of Trees and Shrubs ſuitable for ſuch Plantations, are offered for his conſideration and obſervation: the general arrangement of which being alphabetical, is divided into Claſſes, according to the different heights (as near as can be judged of) the various Trees and Shrubs uſually grow to on ſuch Soils as are ſuppoſed to be neither exceeding rich, nor very poor or barren. But as ſeveral ſpecies, of divers families, of plants are exceedingly diſproportionate in their growth to each other, hence the reaſon why ſome plants of the ſame genus are placed in the following Liſt in two different Claſſes, by which means the Planter may readily diſcover the Situation where they ſhould be planted among the various other kinds of the ſame growth; for the column of heights, and the column of foliage, will direct him in the choice of his Trees and Shrubs, the one reſpecting the height in feet they uſually grow to, and the other to contraſt and diverſify the differents leaves and tints of colour, ſo as to render the whole plantation, when arrived at its perfection of growth, the moſt agreeable and pleaſing to the eye.

N. B. In the flower column where it is marked H, it implies an hermaphrodite flower; thoſe marked M ſignifies a male flower, as does F a female flower: and, in the adjoining column, F ſtands for fruit, and S for ſeed.

A LIST OF

HARDY TREES AND SHRUBS

FOR ORNAMENTING

PARKS, PLEASURE-GROUNDS, &c.

ALPHABETICALLY ARRANGED.

CLASS I. *Hardy deciduous* TREES *of the tallest Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Ext. H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
ACER. *Polygamia, Monoecia.*	MAPLE,	*platanoides,*	plain leav'd,	Norway,	40	quinlobate,	middling,	lucid g.	H. quinpetalous,	F. winged	moist	seeds, aut.
		negundo.	ash leav'd.	Virginia,	40	compound,	middling,	pale g.	M. ditto.	capsule,	or	or cuttings.
	SYCAMORE.	*pseudo-platanus.*	common.	Germany.	50	quinlobate.	large.	green.		S. roundish.	any	N. cuttings or layers.
ÆSCULUS. *Heptandria, Monogynia.*	HORSE-CHESNUT.	*hippocastanum.*	common.	Tartary.	40	palmate.	large.	dark g.	H. spiked, c. quinpetalous.	F. roundish cap. S. subglobose nut.	any	nut, autu. or spring.
BETULA. *Monoecia, Tetrandria.*	BIRCH.	*alba,*	white,	England,	50	ovate,	small,	green,	M. cylindric amentum.	flosculous seed.	any	seeds aut.
		nigra,	black,	Virginia,	60	rhomb. ov.	ditto,	ditto,	F. ditto imbric.			or layers.
		lenta.	canada.	Canada.	60	cordate.	ditto.	dark g.				ditto.
CUPRESSUS. *Monoecia, Monadelphia.*	CYPRESS.	*disticha.*	deciduous.	Virginia.	40	pinnate.	small.	light g.	M. oval ament. F. roundish cone.	S. angulated nut.	moist	seeds, spr.
FAGUS. *Monoecia, Polyandria.*	BEECH,	*sylvatica.*	common.	England,	40	ov. pointed,	middling,	green,	M. amentum,	F. roundish echinated capsule. S. nut.	any	B. nut, win.
	CHESNUT.	*castanea.*	common.	Spain.	60	lanceolate.	large.	lucid g.	F. apetalous.			C, nut, spr.
FRAXINUS. *Polygamia, Diœcia.*	ASH.	*excelsior.*	common.	England.	50	winged.	large.	dark gr.	H. apetalous, spiked, F. ditto.	lanceolate compressed seed.	any	seeds aut.

CLASS I. *Hardy deciduous* TREESS *of the tallest Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propogation.*
JUGLANS. *Monoecia, Polyandria.*	WALNUT.	*regia,*	common,	———	70	ov. folioles,	large,	light gr.	M. oblong amentum, F. cluftered.	F. drupe. S. roundifh nut.	loam or chalk	nut, fpring.
		nigra,	black,	Virginia,	60	lanceol. dit.	middling,	dark gr.				
		oblonga,	oblong,	ditto,	60	cordate lan.	ditto,	ditto,				
		glabra,	fmooth,	ditto,	60	wedgefh. d.	large,	ditto,				
		ovata,	fhagbark,	ditto,	50	lanceol. dit.	ditto,	ditto,				
		alba,	hickery.	ditto,	35	ditto, ditto.	middling.	light gr.				
PINUS. *Monoecia, Monadelphia.*	LARCH.	*larix.*	common.	S. Europe	40 50	faciculate obtufe.	fmall.	light gr.	M. fealy racemus, F. imbricated cone.	F. imbricated cone. S. oblong oval nut.	any	feeds, fpr.
PLATANUS. *Monoecia, Polyandria.*	PLANE.	*orientalis,*	eaftern,	Afia,	60	palmate,	large,	dark gr.	M. amentum. F. globofe.	F. globular. S. pappous.	moift loam	feeds, fpr. or layers.
		occidentalis.	weftern.	N. Amer.	50	lobate.	ditto.	light gr.				
POPULUS. *Dioecia, Octandria.*	POPLAR.	*nigra,*	black,	S. Europe	60	ov. cordate,	middling,	dark gr.	M. oblong amentum. F. ditto.	F. ovate capfule. S. oval and downy.	moift	layers or cuttings, autumn, grafting, cuttings.
		alba minor,	white,	ditto,	60	roundifh,	fmall,	light gr.				
		alba,	abele,	ditto,	60	lobate,	large,	white,				
		tremula,	afpen,	N. Europ.	60	roundifh,	fmal	light gr.				
		italiaca,	lombardy,	Italy,	60	cordate,	middling,	ditto,				
		balfamifera,	carolina,	N. Amer.	60	ditto,	large,	green.				
		greca,	athenian,	Greece,	60	cordate,	large,	light gr.				
		canadenfis.	canada.	N. Amer.	50	ditto waved.	middling.	ditto.				

CLASS I. *Hardy deciduous* TREES *of the tallest Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
QUERCUS. *Monoecia, Polyandria.*	OAK.	*robur,*	common,	England,	70	oblong,	middling,	dark gr.	M. loose amentum. F. apetalous.	F. coriaceous hemispherical cup S. oval nut or acorn.	loam or any	acorns, aut. grafting. 5 ditto. 6 ditto. 7 ditto or inoculation.
		alba,	white,	Virginia,	60	pinnatifid,	ditto,	ditto,				
		ægilops,	large acorn.	Spain,	60	ova. oblong,	ditto,	ditto,				
		cerris,	small acorn.	ditto,	60	lyrato pinn.	ditto,	ditto,				
		5 *prinus,*	chesnut lea.	Virginia,	70	obovate,	ditto,	light gr.				
		6 *phellos,*	willow leav.	Carolina,	50	lanceolate,	ditto,	ditto,				
		7 *rubra.*	scarlet.	Virginia.	50	obtusely sin.	ditto.	green.				
SALIX. *Diœcia, Diandria.*	WILLOW.	*pentandria,*	bay leaved,	England,	35	smooth saw.	small	green,	M. oblong amentum. F. ditto.	F. oval awl shaped capsule. S. ovate and downy.	moist	cuttings, autumn or spring.
		triandria,	triandrious,	Switzerl.	40	ov. lanceol.	ditto,	light gr.				
		alba.	white.	England,	40	lanceolate.	ditto,	green.				
TILIA. *Polyandria, Monoginia.*	LIME.	*europa,*	common,	England,	60	cordate,	large,	light gr.	H. polyandrious.	F. round coriaceous capsule. S. roundish.	loam or any	seeds, layers or cuttings, autumn.
		rubra,	red twiged,	Holland,	60	acuminated	ditto,	ditto,				
		americana.	black.	Virginia.	50	cordate poi.	ditto,	dark gr.				
ULMUS. *Pentandria, Digynia.*	ELM.	*campestris,*	broad leav.	England,	80	oblong poi.	small,	dark gr.	H. apetalous.	F. oval drupe. S. roundish.	any	layers or suckers, autumn.
		angustifolia,	narrow leav.	ditto,	80	ditto,	ditto,	ditto,				
		glabra,	wych,	ditto,	70	broad ditto,	larger,	ditto,				
		hollandica,	dutch,	Holland,	60	oval ditto,	largest,	ditto,				
		americana.	american.	Virginia.	60	ditto.	middling.	ditto,				

CLASS II. *Hardy deciduous* TREES *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
ACER. *Polygamia, Monoecia.*	MAPLE.	*campestre,*	common,	England,	20	trilobate,	middling,	green,	H. quinpetalous. M. ditto.	F. winged capsule S. roundish.	any	cuttings, layers, or seed, aut.
		monspesulanum,	montpelier,	France,	18	ditto,	ditto,	lucid gr.				
		creticum,	ivy leaved,	Levant,	16	lobate,	ditto,	ditto,				
		saccharinum,	sugar,	Pensylva.	30	palmate,	ditto,	green,				
		tartaricum,	tartarian,	Asia,	20	cordate,	ditto,	ditto,				
		rubrum.	scarlet.	N. Amer.	25	quinlobate.	ditto.	pale gr.				
ÆSCULUS. *Heptandria, Monogynia.*	HORSE-CHESNUT.	*pavia.*	scarlet.	Carolina.	18	digitate.	large.	green.	H. quinpetalous.	F. coriaceous caps. S. subglobose nut.	light	seeds or inoculation.
AMYGDALUS. *Icosandria, Monogynia.*	ALMOND.	*communis,*	common,	Maritani,	18	lanceolate	middling,	green,	H. quinpetalous.	F. dry drupe S. ovat. furrowed nut.	any	nuts or inoculation.
		sativa.	sweet.	ditto.	18	serrate, ditto.	ditto.	ditto.				
BETULA. *Monoecia, Tetrandria.*	ALDER.	*alnus,*	common,	England,	30	ovate.	middling,	green,	M. cylindric amentum. F. roundish strobilus.	flosculous seed.	moist	cuttings, spring.
		oblonga,	long leaved,	America,	25	ov. lanceol.	ditto,	ditto,				
		glutinosa.	turkey.	Greece.	30	ovate.	ditto.	ditto.				
BIGNONIA. *Didynamia, Angiospermia.*	CATALPA.	*catalpa.*	carolina.	N. Amer.	25	cordate.	large.	light gr.	H. campanulate.	F. biv. pod. S. compres. and winged.	moist	cuttings or seeds.

CLASS II. *Hardy deciduous* TREES *of a less Growth.*

GENERA. Class and Order.	English Name.	SPECIES. Botanic.	SPECIES. English.	Native of	Fol. H.	FOLIAGE. Shape.	FOLIAGE. Size.	FOLIAGE. Colour.	Flower.	Fruit and Seed.	Soil.	Propagation.
CARPINUS. *Monoecia, Polyandria.*	HORNBEAN.	*betulus,* *ostyra,* *florens.*	common, hop, flowering.	England, America, Virginia.	30 20 25	ov. lanceol. ditto, lanceol. poi.	middling, ditto, ditto.	dark gr. ditto, ditto.	M. cylindric amentum. F. imbricate amentum.	S. angular oval nut.	any	seeds or lay. autumn.
CELTIS. *Polygamia, Monoecia.*	LOTE, or NETTLE TREE.	*australis,* *occidentalis,* *orientalis.*	black, purple, yellow.	Italy, N. Amer. Levant.	38 35	ov. lanceol. oval sawed, ov. hearted shaped.	middling, ditto, ditto.	green, ditto, ditto.	H. apetalous, M. ditto.	F. globose drupe. S. round nut	light and rich	seeds, aut.
CORYLUS. *Monoecia, Polyandria.*	HAZEL.	*avellana,* *transylvanica,* *maxima.*	common, eastern, filbert.	England, Transyl. England.	18 20 16	cordate, ditto, ditto.	middling, large, larger.	green, ditto, dark gr.	M. long ament. F. apetalous,	F. ov. caps. S. oval pointed nut.	any	nuts or suckers.
CRATEGUS. *Icosandria, Digynia.*	WILD SERVICE and HAWTHORN.	*aria,* *terminalis,* *azarolus,* *coccinia,* *crus galli,* *oxycantha.*	white bean, wild, l'azarole, cockspur, pear leaved wh. thorn.	England, ditto, Italy, Virginia, ditto, England.	30 30 18 20 20 18	oval sawed, cordato lob. obtus. trifid, oval, lanceol. ov. obtus. trifid.	middling, ditto, larger, middling, ditto, small.	light gr. green, ditto, dark gr. green, dark gr.	H quinpetalous.	F. roundish fleshy berry S. oblong.	loam, any	seeds, aut. or graftings, spring, or inoculation.
CYTISUS. *Diadelphia, Decandria.*	LABURNUM.	*latifolia,* *angustifolia.*	broad leav. nar. leaved.	Alps, ditto.	30	oblong trifoliate.	large, less.	light gr. ditto.	H. spiked and papilionaceous.	F. obl. legu. S. kidney shaped.	any	seeds, spr.

CLASS II. *Hardy deciduous* TREES *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
DIOSPYROS. *Polygamia, Monœcia.*	DATE PLUM.	*lotus,* *virginiana.*	indian, pishamin.	S. Europ. N. Amer.	20 16	oblong, dit. pointed.	middling, larger.	bicolor, green.	H. monopetal. M. urceolate.	F. round berry. S. roundish.	dry	seeds, spr.
ELÆAGNUS *Tetrandria, Monogynia.*	OLEASTER or WILD OLIVE.	*angustifolia.*	nar. leaved.	Bohemia	16	lanceolate.	small.	light gr.	H. apetalous.	F. ov drupe S. oblong nut.	any	layers, aut.
EUONYMUS. *Pentandria, Monogynia.*	SPINDLE-TREE.	*europæus* *latifolius.*	common, broad leav.	England.	20 25	lanceolate, lanceolate-oval.	middling, larger.	dark gr. light gr.	H. pentapetalous	F. suc. five corned caps. S. oval.	any	layers or cuttings, autumn.
FRAXINUS. *Polygamia, Dioecia.*	ASH.	*americana,* *ornus,* *paniculata,* *integri fol.*	manna, dwarf, flowering, entire leav.	N. Amer. S. Europ. Virginia, England.	25 14 25 25	winged, ditto, ditto, ovate point.	middling, less, middling, ditto.	dark gr. ditto.	spiked.	lanceolate compressed seed.	any	by seeds, or inoculat.
GLEDITSIA. *Polygamia, Dioecia.*	ACACIA.	*spinosa.*	triple thorned	N. Amer.	30	winged,	middling.	light gr.	M. long ament. H. tetraphyllus perianthium. F. loose ament.	F. large flat legumen. S. single round and hard.	loam	by seeds.

CLASS II. *Hardy deciduous* TREES *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
GUILANDINA. *Decandria, Monogynia.*	BONDUC, or NICAR TREE.	*dioica.*	canadian.	N. Amer.	20	bipinnate.	large,	dark gr.	H. pentapetalous	F. rhomb. compr. unilocular pod, S. roundish and compr.	light dust	seeds, layers, or roots.
LIQUIDAMBAR. *Monoecia, Polyandria.*	LIQUID AMBER.	*styraciflus.*	common.	Virginia.	30	lobate.	middling,	green.	M. conic ament. F. globolous perianthium.	F. roundish, S. oblong.	light	seeds, spr. layers, aut.
LIRIODENDRUM. *Polyandria, Polygynia.*	TULIP TREE.	*tulipifera.*	common.	Virginia.	30	trilobate.	large.	light gr.	H. campanulate.	F. imbric. cone. S. angular and point.	light loam	seeds.
MAGNOLIA. *Polyandria, Polygynia.*	MAGNOLIA.	*acuminata, tripetala.*	long leaved, umbrella.	Virginia, Carolina.	20 20	oval oblong and point. ov. lanceol.	middling, large.	light gr. ditto.	H. ennepetalous.	F. ovate strobilus, S. roundish. and baccat.	loam shelt.	seeds, layers, and cuttings, autumn.
MESPILUS. *Icosandria, Pentagynia.*	MEDLAR.	*germanica, hollandica.*	common, dutch,	Germany ditto.	20 20	lanceolate.	middling, larger.	light gr.	H. pentapetal. and rosaceous, S. hard and gibbous.	F. round umbilicated berry.	any	seeds, layers, or inoculation.

CLASS II. *Hardy deciduous* TREES *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
MORUS. *Monoecia, Tetrandria.*	MULBERRY.	*nigra,*	black,	Asia,	30	cordate,	middling,	dark gr.	M. amentum, F. apetalous.	S. oval and acute.	light and rich	seeds, spr. layers, aut. or cuttings, summer.
		alba,	white,	China,	30	ditto,	larger,	light gr.				
		rubra,	red,	Virginia,	25	ditto,	ditto,	dark gr.				
		papyrifera.	paper.	Japan.	20	palmate.	ditto.	light gr.				
NYSSA. *Polygamia, Dioecia.*	TUPELO.	*aquatica,*	water,	N. Amer.	18	lanceolate,	middling,	light gr.	M. apetalous, H. ditto.	F. ov. drupe S. oval acute nut.	moist	seeds.
		multiflora.	serrated.		25	serrate.	ditto.					
PISTACHIA. *Dioecia, Tetrandria.*	TURPENTINE TREE.	*terebinthus,*	common,	Italy,	25	winged,	large,	dark gr.	M. loose ament. F. small trifid cup & apetalous.	F. an oval dry drupe, S. smooth oval nut.	dry and warm	seeds.
		vera,	pistachia,	India,	20	pinnate,	ditto,	green,				
		trifolia,	three leav.	Sicily,	20	subternate,	middling,	dark gr.				
		narbonensis.	large fruit.	Persia.	25	ditto.	large.	pale gr.				
POPULUS. *Dioecia, Octandria.*	POPLAR.	*tacamahaca*	common,	N. Amer.	30	cordate,	large,	light gr.	M. oblong amentum. F. ditto.	F. ovate capsule, S. oval and downy.	moist	layers or cuttings, autumn.

CLASS II. *Hardy deciduous* TREES *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Prepogation.*
PRUNUS. *Icosandria, Monogynia.*	PLUM, CHERRY, and BIRD CHERRY.	*insititiana,*	bullace,	England,	18	ov. lanceol.	middling.	green,	pentapetalous and rosaceous.	F. roundish drupe. S. roundish compressed nut.	any	seeds, layers, or inoculation.
		domestica,	common,	Europe,	20	ditto,	ditto,	ditto,				
		spinosa,	sloe,	England,	16	ditto,	small,	ditto,				
		cerasus,	common,	Asia,	25	ovato oblo.	middling,	ditto,				
		avium,	wild red,	England,	30	lanceolate,	ditto,	ditto,				
		padus,	bird,	Europe,	25	oblong,	ditto,	ditto,				
		virginian,	red bird,	Virginia,	30	oval.	ditto,	ditto,				
		canadensis.	canada.	Canada.	20	lanceolate.	ditto.	ditto.				
PYRUS. *Icosandria, Pentaginia.*	PEAR.	*communis,*	common,	Europe,	25	ov. lanceol.	middling,	green,	pentapetalous and rosaceous.	F. roundish umbilical apple, S. oblong and pointed.	1st and 2d any 3d moist	suckers, graftings, layers, cuttings, &c.
		malus,	crab apple,	ditto,	20	dit. serrate,	ditto,	ditto,				
		cydonia.	quince.	Austria.	18	dit. intire.	ditto.	downy.				
RHUS. *Pentandria, Digynia.*	SUMACH, LAC, or VARNISH TREE.	*typhinum,*	virginian,	Virginia,	18	pinnate ser.	large.	dark gr.	quinpetalous.	F. round berry, S. roundish.	any	suckers.
		vernix.	varnish.	America.	25	dit. intire.						
ROBINIA. *Diadelphia, Decandria.*	FALSE ACACIA.	*pseudo-acacia.*	bastard acacia.	N. Amer.	30	pinnate.	large.	light gr.	papilionaceous.	F. compres. pod. S. kidney shaped.	any	suckers or seeds.

CLASS II. *Hardy deciduous* TREES *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
SALIX. *Diœcia, Diandria.*	WILLOW.	*capræa, amygdalus, purpurea, babylonica.*	sallow, almond, purple, weeping.	England, ditto, ditto, Arabia.	18 20 20 25	oval, lanceolate ditto, ditto.	middling, less, ditto, ditto.	green, ditto, ditto, light gr.	M. oblong imbricated katkin. F. amentum apetalous.	F. oval capsule, S. oval and crowned with down.	moist	cuttings, autumn or spring.
SAMBUCUS. *Pentandria, Trigynia.*	ELDER.	*nigra, canadensis, laciniata,*	black, canada, cut leaved.	England, Canada, England.	20 18 20	winged, sub-bipinn. jagged.	middling, ditto, ditto.	dark gr. green, ditto.	H. umbellifer. rotate and reflexed.	F. round berry, S. convex and angular.	any	cuttings, autumn or spring.
SORBUS. *Icosandria, Triginia.*	SERVICE.	*aucuparia, domestica, hybrida.*	mount. ash, true service, semi pinnat.	England, France, Gothland	25 30 25	pinn. small, pin. villose, semi pinn.	middling, ditto, ditto.	dark gr. green, ditto.	H. umbellifer. and rosaceous.	F. umbillicated berry. S. oblong.	any	seeds, budding, or grafting.
TILIA. *Polyandria, Monoginia.*	LIME.	*caroliniana.*	carolina.	America.	30	cordate.	middling.	green.	H. polyandrious	F. round coriaceous capsule. S. roundish.	loam	seeds or layers.

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
AMORPHA. *Diadelphia, Decandria.*	BASTARD-INDIGO.	*fruticoſa.*	common.	Carolina,	10	pinnate.	large.	green.	H. papilionaceous.	F. lunulated pod, S. kidney ſhaped.	dry	layers.
AMYGDALUS. *Icoſandria, Monogynia.*	ALMOND.	*nana,* *perſica.*	dwarf peach.	Aſia, ditto.	5 10	lanceolate, ditto.	ſmall, larger.	green, ditto.	H. roſaceous.	F. oval drupe, S. oval nut.	dry	inoculation or ſeeds.
ANAGYRIS. *Decandria, Monogynia.*	BEAN TREFOIL.	*fœtida.*	ſtinking.	Italy.	10	ovate.	middling.	green.	H. papilionaceous.	F. obl. pod, S. kidney ſhaped.	any	ſeeds or layers, aut.
ANDROMEDA. *Decandria, Monogynia.*	ANDROMEDA.	*paniculata,* *calyculata,* *mariana.*	paniclid, ſpiked, bunched.	Virginia, Canada, Maryla.	4 2 2	oblong, lanceolate, ovate.	ſmall.	green.	H. campanulate.	F. roundiſh capſule, S. roundiſh	moiſt	ſeeds, layers, or ſuckers.
ANNONA. *Polyandria, Polygynia.*	PAPAW.	*triloba.*	trilobate.	N. Amer.	16	lanceolate.	middling.	green.	H. hexapetalous.	F. large obl. berry, S. ov. & obl.	warm	ſeeds.
ARALIA. *Pentandria, Pentaginia.*	ANGELICA TREE.	*ſpinoſa.*	common.	Virginia.	8	winged.	large.	dark gr.	H. umbelliferous corol quinpetalous.	F. roundiſh ſtriat. ſberry. S. hard & ob.	light	ſeeds, or roots.

CLASS III. *Hardy deciduous* TREESS *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
AZALEA. *Pentandria, Monogynia.*	AMERICAN HONEY-SUCKLE.	*nudiflora, viſcoſa.*	red upright, white ditto.	Virginia, ditto.	8 5	ovate, lanceolate.	middling, ditto.	green.	H. campanulate.	F. roundiſh capſule. S. roundiſh.	any	layers, or ſuckers.
BERBERRIS. *Hexandria, Monogynia.*	BERBERRY.	*vulgaris. canadenſis.*	common, broad leav.	England, Canada.	10 8	oval, ditto.	ſmall, larger.	light gr. ditto.	H. cluſtered cor hexapetalous.	F. cylindric berry, S. oblong.	any	layers, ſeeds, or cuttings.
BETULA. *Monoecia, Tetrandria.*	BIRCH.	*nana.*	dwarf.	Lapland.	4	roundiſh	ſmall.	green.	M. cylindric amentum, F. roundiſh amentum.	S. floſculous	any moiſt	ſeeds or layers.
CALLICARPA. *Tetrandria, Monogynia.*	CALLICARPA.	*americana.*	ſhrubby.	N. Amer.	5	roundiſh and point.	middling.	hoary.	H. monopetal. and tubular.	F. globular berry, S. oblong & compreſſed.	warm and light	ſeeds, layers, autumn.
CALYCANTHUS. *Icoſandria, Polyginia.*	ALL-SPICE TREE.	*floridus.*	common.	Carolina.	5	oval.	middling.	green.	H. apetalous.	F. oval berry. S. caudated.	dry	layers.

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
CARPINUS. *Monoecia, Polyandria.*	HORNBEAM.	*orientalis,*	eaſtern.	Aſia,	8	ovate lanc.	ſmall.	dark gr.	M. cylindric amentum, F. imbricate amentum.	F. S. angular oval nut.	any	ſeeds or layers, aut.
CEANOTHUS. *Pentandria, Monogynia.*	NEW JERSEY TEA.	*americanus.*	ſhrubby.	N. Amer.	4	trinervate.	ſmall.	light gr.	H. pentapetal.	F. dry obtuſe berry, S. oval.	dry	layers, or ſeeds.
CELTIS. *Polygamia, Monoecia.*	NETTLE TREE.	*orientalis.*	eaſtern.	Aſia.	10	obliquely cordate.	ſmall.	light gr.	H. apetalous, M. ditto.	F. globoſe drupe, S. round nut	dry	ſeeds, or ſuckers.
CEPHALANTHUS. *Tetrandria, Monogynia.*	BUTTON-WOOD.	*occidentalis.*	weſtern.	N. Amer.	5	trifoliate.	middling.	light gr.	H. globular head and monopetalous.	F. none, S. large & pyramidal.	moiſt	ſeeds, layers, or cuttings, autumn.
CERCIS. *Decandria, Monogynia.*	JUDAS TREE.	*ſiliquaſtrum, canadenſis.*	common, canada.	Aſia, Canada.	12 10	cordate, ditto point.	large, ditto.	light gr. ditto.	H. papilionaceous like.	F. oblong acumi. pod S. roundiſh.	any	ſeeds, ſpr.
CHIONANTHUS. *Diandria, Monogynia.*	FRINGE TREE.	*virginica.*	virginian,	N. Amer.	12	ov. lanceol.	large.	dark gr.	H. funnel ſhap.	F. roundiſh drupe, S. ſtriated n.	moiſt	ſeeds, or layers, aut.

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
CLETHRA. *Decandria, Monogynia.*	CLETHRA.	*alnifolia.*	virginian.	N. Amer.	5	ov. lanceol.	middling.	green.	H. quinpetalous.	F. roundiſh trivalve capſule, S. angular.	moiſt	layers or cuttings, ſeeds, ſuckers.
COLUTEA. *Diadelphia, Decandria.*	BLADDER-SENA.	*arboreſcens,* *orientalis,* *iſtria.*	common, eaſtern, pocock's.	S. Europe Aſia, Levant.	10 8 6	winged, ditto, ditto.	ſmall.	light gr.	H. papilionaceous.	F. inflated pod, S. kidney ſhaped.	any	ſeeds.
CORIARIA. *Dioecia, Decandria.*	SUMACH.	*myrtifolia.*	myrtle leav.	France.	4	obl. point.	ſmall.	light gr.	M. quinpetal. F. ditto.	F. angular berry, S. kidn. ſh.	light and warm	ſuckers.
CORNUS. *Tetrandria, Monogynia.*	CORNEL TREE.	*ſanguinea,* *mas,* *florida.*	common dog-wood, cultivated flowering.	England, Auſtria, Virginia.	8 15 10	cordate, ditto, obverſ. cor.	middling.	green.	H. tetrandrious.	F. roundiſh umbilicated drupe, S. obl. nut.	any	ſeeds, layers, or cuttings.
CORONILLA. *Diadelphia, Decandria.*	SCORPION-SENA.	*emerus.*	common.	S. Europe	7	pinnate.	ſmall.	light gr.	H. papilionaceous.	F. jointed taper pod, S. kidney ſhaped.	any	ſeeds, or layers.

I. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

SPECIES.				FOLIAGE.						
Botanic.	*Engliſh.*	*Native of*	*Feet H.*	*Shape.*	*Size.*	*Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propogation.*
lurna.	byzantine.	Greece.	4	cordate.	middling.	green.	M. long ament. F. apetalous.	F. ova. capſule, S. oval poi. nut.	any	ſeeds, or ſuckers.
ſſilifolius,	round leav.	S. Europe	5	trifoliate,	ſmall,	light gr.	H. papilionaceous.	F. oblong legumen. S. kidney ſhaped.	any	ſeeds, or cuttings.
gricans,	black,	Auſtria,	5	ditto,	ditto,	dark gr.				
ſtriacus.	tartarian.	Aſia.	4	ditto.	ditto.	light gr.				
tzereum,	mezereon,	England,	3	lanceolate,			H. monopetalous and funnel ſhaped.	F. roundiſh berry, S. roundiſh and fleſhy.	rich and light	ſeeds, autumn.
idium,	flax leaved,	Italy,	3	linear lanc.						
eorum,	cluſter flow.	Switzerl.	2	lanceolate,						
rton-raire,	ovate leav.	France,	2	ovate,	ſmall.	green.				
pina,	alpine,	Alps,	3	lanceolate,						
lloſa,	hairy,	Portugal,	2	ditto,						
ymælea.	milk wort.	Spain.	3	ditto.						
ropæus,	narrow leav.	England,	16	lanceolate,	ſmall,	dark gr.	H. pentapetalous	F. coloured capſule, S. oval.	any	ſeeds or layers, autumn.
ifolius.	broad leav.	Auſtria.	16	ov. lanceol.	middling.	light gr.				
mila.	dwarf.	N. Amer.	10	lanceol. ov.	middling.	green.	M. apetalous katkin, F. ditto.	F. roundiſh capſule, S. round. n.	moiſt	ſeeds.

Meeder, James
The Planters Guide

Soil Conservation

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
CORYLUS. *Monoecia, Polyandria.*	HAZLE, or NUT TREE.	*colurna.*	byzantine.	Greece.	4	cordate.	middling.	green.	M. long ament. F. apetalous.	F. ova. capſule, S. oval poi. nut.	any	ſeeds, or ſuckers.
CYTISUS. *Diadelphia, Decandria.*	TREFOIL TREE.	*ſeſſilifolius,*	round leav.	S. Europe	5	trifoliate,	ſmall,	light gr.	H. papilionaceous.	F. oblong legumen. S. kidney ſhaped.	any	ſeeds, or cuttings.
		nigricans,	black,	Auſtria,	5	ditto,	ditto,	dark gr.				
		auſtriacus.	tartarian.	Aſia.	4	ditto.	ditto.	light gr.				
DAPHNE. *Octandria, Monogynia.*	SPURGE LAUREL.	*mezereum,*	mezereon,	England,	3	lanceolate,	ſmall.	green.	H. monopetalous and funnel ſhaped.	F. roundiſh berry, S. roundiſh and fleſhy.	rich and light	ſeeds, autumn.
		gnidium,	flax leaved,	Italy,	3	linear lanc.						
		cneorum,	cluſter flow.	Switzerl.	2	lanceolate,						
		tarton-raire,	ovate leav.	France,	2	ovate,						
		alpina,	alpine,	Alps,	3	lanceolate,						
		villoſa,	hairy,	Portugal,	2	ditto,						
		thymælea.	milk wort.	Spain.	3	ditto.						
EUONYMUS. *Pentandria, Monogynia.*	SPINDLE TREE.	*europæus,*	narrow leav.	England,	16	lanceolate,	ſmall,	dark gr.	H. pentapetalous	F. coloured capſule, S. oval.	any	ſeeds or layers, autumn.
		latifolius.	broad leav.	Auſtria.	16	ov. lanceol.	middling.	light gr.				
FAGUS. *Monoecia, Polyandria.*	CHESNUT.	*pumila.*	dwarf.	N. Amer.	10	lanceol. ov.	middling.	green.	M. apetalous katkin, F. ditto.	F. roundiſh capſule, S. round. n.	moiſt	ſeeds.

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Fr. H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
GENISTA. *Diadelphia, Decandria.*	BROOM.	*tridentata,*	portugal,	Portugal,	6	tricuſpidate	ſmall,	green,	H. papilionaceous.	F. roundiſh bivalve pod, S. kidney ſhaped.	dry	ſeeds.
		tinctoria,	dyer's,	England,	3	lanceolate,	ditto,	ditto,				
		p.loſa,	branching,	Germany	2	lanc. obtuſe	ditto,	ditto,				
		anglica,	dwarf,	England,	3	lanceolate,	ditto,	ditto,				
		germanica,	german,	Germany	3	ditto,	ditto,	ditto,				
		hiſpanica,	ſpaniſh,	Spain,	6	linear,	ditto,	ditto,				
		purgans,	ſpurging,	S.France,	2	lanceolate,	ditto,	ditto,				
		candicans.	cytiſſus.	Italy.	3	ternate.	ditto.	ditto.				
HALESIA. *Dodecandria, Monogynia.*	HALESIA.	*tetraptera, diptera.*	quadrangular fruited, biangular fruited.	Carolina.	15	ov. lanceol. oval.	middling.	green.	H. campanulate.	F. oblong nut, S. ſingle.	any	ſeeds, or layers.
HAMAMELIS. *Tetrandria, Digynia.*	WITCH HAZEL.	*virginiana.*	common,	Virginia.	4	oval indent.	middling.	green.	H. tetrandrious.	F. none, S. oval hard nut.	moiſt	ſeeds, or layers.
HIBISCUS. *Monadelphia, Polyandria.*	ALTHEA FRUTEX.	*ſyriacus.*	common.	Syria.	6	wedge ſhaped oval.	middling.	green.	H. pentapetalous.	F. capſule, S. kidney ſhaped.	warm	ſeeds, or layers.

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
HIPPOPHAE. *Dioecia, Tetrandria.*	SEA BUCK-THORN.	*rhamnoides, canadenſis.*	common, american.	England, Canada.	12 10	lanceolate, ovate.	ſmall, middling.	dark gr. light gr.	M. apetalous, F. ditto.	F. globular berry, S. roundiſh.	any	ſuckers, or layers.
HYDRANGEA. *Decandria, Digynia.*	HYDRAN-GEA.	*arboreſcens,*	virginian.	N. Amer.	4	cordate.	large.	green.	H. corymbus C. quinpetalous.	F. roundiſh capſule, S. angular and point.	moiſt	ſuckers.
HYPERICUM. *Polyadelphia, Polyandria.*	ST. JOHN'S-WORT.	*olympicum, canarienſe.*	ſtinking, canary.	Sicily, Canaries.	4 6	oblong oval, oblong.	middling, ditto.	light gr. ditto.	H. pentapetalous.	F. roundiſh capſule, S. oblong.	any	ſuckers, or roots.
JASMINUM. *Diandria, Monogynia.*	JASMINE.	*officinalis, frutticans, humile.*	white, yellow, italian.	India, S. Europe ditto.	4 6 4	pinnate, ternate, ditto.	ſmall, ditto, ditto.	dark gr. ditto, ditto.	H. tubulous.	F. ſmooth ov. berry, S. oval and oblong.	any	layers, or cuttings.
ITEA. *Pentandria, Monogynia.*	ITEA.	*virginica.*	common.	Virginia.	6	lanceolate.	middling.	green.	H. quinpetalous.	F. oval capſule, S. oblong.	moiſt	layers, or ſeeds.

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Fit H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
LAVATERA. *Monadelphia, Polyandria.*	TREE MALLOW.	*arborea,*	tree,	Italy,	10	angulate,	large,	green,	H. quinpetalous.	F. many capſules, S. kidney ſhaped.	dry	ſeeds.
		triloba,	trilobate,	Spain,	5	trilobate,	ditto,	ditto,			ſandy	2 } cuttings
		alba,	five lobed,	S. France,	5	quinlobate,	ditto,	ditto,				3 } ſpring.
		micans.	ſhining.	Spain.	5	ſeptangular.	ditto.	ditto.				4 }
LAURUS. *Enneandria, Monogynia.*	BAY.	*æſtivalis,*	deciduous,	Virginia,	14	ov. lanceol.	middling,	green,	H. hexapetalous.	F. ov. poin. drupe, S. ov. poin. nut.	moiſt warm	ſeeds, layers, roots.
		benzoin,	benjamin,	America,	15	enervate ov.	ditto,	light gr.				
		ſaſſafras.	ſaſſafras.	ditto.	16	trilobate & intire.	ditto.	light gr.				
LIGUSTRUM. *Diandria, Monogynia.*	PRIVET.	*vulgare.*	common.	England.	10	ovato lanc.	ſmall.	dark gr.	H. funnel ſhap.	F. roundiſh berry, S. convex & angular.	any	ſeeds, layers, cuttings, autumn.
LONICERA. *Pentandria, Monogynia.*	HONEY-SUCKLE, ST. PETER'S WORT, and DWARF CHERRY.	*diervilla,*	diervilla,						H. tubuloſe.	F. umbilicated berry, S. roundiſh and compreſſed.	any	ſeeds or cuttings, autumn or ſpring.
		ſymphoricarpos,	St. Peter's wort,	N. Amer. Virginia,	6	oblong cor.	ſmall,	light gr.				
		cærulea,	blue berried	Savoy,	5	oval,	ditto,	green,				
		alpigena,	red berried,	Switzerl.	5	obl. lanceol.	ditto,	ditto,				
		nigra,	black ber.	Alps,	5	ovate acute.	ditto,	ditto,				
		xyloſteum,	fly,	N. Europ.	5	ditto,	ditto,	ditto,				
		pyrenæica,	pyren. D. C.	Pyren. M.	8	obl. oval,	middling,	white gr.				
		tartarica.	tartar. D. C.	Tartary.	3	oblong,	ſmall,	light gr.				
					4	cordate.	ditto.	ditto.				

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propogation.*
MAGNOLIA. *Polyandria, Polygynia.*	MAGNOLIA.	*glauca.*	blue.	Virginia,	12	oval.	middling.	green.	H. nine concave petals.	F. oval ſtrobilus, S. roundiſh & baccated.	warm	ſeeds, layers, cuttings, autumn.
MELIA. *Decandria, Monogynia.*	BEAD TREE.	*azedarach,*	deciduous.	Syria.	15	bipinnate.	large.	dark gr.	H. quinpetalous.	F. ſoft globul. drupe, S. 5 furrow. round. nut.	warm and dry	ſeeds.
MESPILUS. *Icoſandria, Pentagynia.*	MEDLAR.	*arbutifolia,*	arbutus lea.	Virginia,	8	lan. crenate,	middling,	green,	H. pentapetalous and roſaceous.	F. round umbilicated berry, S. hard and gibbous.	any	ſeeds, or inoculation.
		amlanchior,	amelanchior	Auſtria,	8	ov. ſerrate,	ſmall,	light gr.				
		canadenſis,	canada,	N. Amer.	10	ovato oblo.	ditto,	ditto,				
		chamæmeſpilus,	dw. quince,	Pyrenees,	5	oval ſerrate,	ditto,	green,				
		cotoneaſter.	baſtard dit.	ditto.	5	ovate entire.	ditto.	ditto.				
MYRICA. *Dioecia, Tetrandria.*	CANDLE-BERRY-MYRTLE.	*cerifera*	common,	Carolina,	5	lanceolate,	ſmall,	light gr.	M. oval ament.	F uniloeul. berry, S. ſingle.	moiſt	layers, ſuckers, cutt. aut.
		gale.	ſweet willow.	England.	5	ditto.	leſs.	ditto.	F. ditto.			
ONONIS. *Diadelphia, Decandria.*	RESTHARROW.	*fruticoſa.*	ſhrubby.	Alps.	3	trifoliate.	middling.	green.	papilionaceous.	F. rhomb. pod, S. kidney ſhaped.	any	ſeeds.

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
PHILADELPHUS. *Icoſandria, Monogynia.*	SYRINGA.	*coronarius,*	common,	unknown	8	oval point.	large,	green,	H. tetrapetalous.	F. ov. poin. nut,	any	ſuckers, or
		inodorus.	ſcentleſs,	Carolina.	14	dit. ſmooth.	middling.	ditto.		S. ſmall and oblong.		cuttings, autumn.
PRINOS. *Hexandria, Monogynia.*	WINTER-BERRY.	*verticillatus.*	virginian.	N. Amer.	8	lanceolate,	large.	dark gr.	H. wheel ſhaped.	F. roundiſh berry, S. oſſeous & obtuſe.	moiſt	ſeeds.
PTELEA. *Tetrandria, Monogynia.*	SHRUB TREFOIL.	*trifoliata.*	carolinian.	N. Amer.	10	ternate.	middling.	dark gr.	H. tetrapetalous.	F. roundiſh pericarp. S. obtuſe.	any	ſeeds, layers or cuttings, autumn.
RHAMNUS. *Pentandria, Monogynia.*	BUCKTHORN.	*catharticus,*	common,	England,	12	ovate,	ſmall,	green,	H. funnel ſhap.	F. round naked berry, S. roundiſh and gibbous.	any	ſeeds, layers, or cuttings, autumn.
		minor,	dwarf.	ditto,	3	ditto,	ditto,	ditto,				
	BERRY-BEARING	*communis,*	black,	ditto,	10	ovato lanc.	ditto,	ditto,				
	ALDER.	*alpinus,*	rough leav.	Alps,	12	doubly cren.	ditto,	ditto,				
		pumila,	dwarf.	England,	2	oval,	ditto,	ditto,				
	PALIURUS.	*paleſtinus.*	Chriſt thorn	Judæa.	14	ovate.	ditto.	pale gr.				

CLASS III. Hardy deciduous Trees and Shrubs of Smaller Growth.

GENERA.	SPECIES.					POLLARDS.							
Gender.	Species.	Synonyms.	Habitat.	Height.	Time of Flowering.	Colour.	Size.	Form.	Where Found.	Soil.	Propagation.
PHILADELPHUS.											
Linnæus.	SYLVESTRIS.	Common.	Sylvestris.	8	June.	White.	Small.	Single.	M. sylvestris.	Any.	Suckers.
Miller.	Mexicana.	Double.	Mexicana.	12	July.	Yellow.	Large.	Double.	Mex.		Layers.
Hoffmg.											
PRUNUS.											
Linnæus.	SPINOSA.	Sylvestris.	Sylvestris.	8	Jan.	White.	Small.	Single.	P. sylvestris.	Any.	Suckers.
Miller.	DOMESTICA.										
Hoffmg.											
PYRUS.											
Linnæus.	SORBUS.	Sylvestris.	Sylvestris.	8	June.	White.	Small.	Single.	P. aucuparia.	Any.	Layers.
Miller.	AUCUPARIA.										
Hoffmg.											
RHAMNUS.											
Linnæus.	ALATERNUS.	Sylvestris.	Sylvestris.	12	Jan.	Green.	Small.	Single.	R. (Alaternus)	Any.	Layers.
Miller.	ALATERNUS.	Variegatus.	Alatern.	12	Jan.	Green.	Small.	Single.			
Hoffmg.											

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
RHODODENDRON. *Decandria, Monogynia.*	DWARF ROSEBAY.	*ferrugineum,*	iron colour.	Alps,	3	lanceolate,	ſmall,	green,	H. rotato funnel ſhaped.	F. ova. capſule, S. ſmall.	moiſt cool ſhelt.	ſeeds.
		hirſutum,	hairy,	ditto,	3	ov. lanceol.	ditto,	ditto,				
		chamæciſtus,	ciliate leav.	M. Baldus	3	oval lanceo.	ditto,	ditto,				
		dauricum.	daurian.	Dauria.	2	broader.	ditto.	ditto.				
RHUS. *Pentandria, Trigynia.*	SUMACH.	*coriaria,*	tanners,	Turkey,	10	pinnate,	large,	green,	H. quinpetalous.	F. roundiſh berry, S. roundiſh and hard.	any	3 ſeeds, ſuckers, 5 layers.
		glabrum,	ſmooth,	ditto,	14	ditto,	ditto,	ditto,				
		copallinum,	lent. leav. of canada,	ditto,	10	ditto,	ditto,	ditto,				
		toxicodendrum,	poiſon oak,	ditto,	6	trifoliate,	ditto,	ditto,				
		cotinus.	venetian.	Italy.	10	oval.	middling.	light gr.				
ROBINIA. *Diadelphia, Decandria.*	FALSE ACACIA.	*roſea,*	roſe,	N. Amer.	15	pinnate,	middling,	light gr.	H. papilionaceous.	F. compr. pod, S. kidney ſhaped.	any	ſeeds, cuttings, graftings.
		caragana,	ſiberian,	Siberia,	10	abrupt. pin.	leſs,	dark gr.				
		fruteſcens,	bro. leav. aſpalath.	Tartary,	10	quaternate,	middling,	green,				
		pygmæa.	dwarf aſpalathus.	Siberia.	4	ditto ſeſſile.	ditto.	ditto.				

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	*Engliſh.*	*Native of*	*Fut. H.*	FOLIAGE. *Shape.*	*Size.*	*Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
ROSA. *Icoſandria, Polygynia.*	ROSE.	*alpina,*	alpine,	Alps,	4	pinnate,	middling,	green,	H. pentapetalous.	F. fleſhy turbinated berry, S. oblong and hairy.	any	ſeeds, layers, ſuckers, autumn or ſpring.
		gallica,	gallican,	S. Europ.	4	ditto,						
		pimpinelifol,	burnet leav.	Europe,	3	folioles obt.	ſmall,	ditto,				
		eglanteria,	ſweet briar,	England,	7	ditto acute,	ditto,	ditto,				
		cinnamomea,	cinamon,	S. Europ.	8	pinnate,	ditto,	ditto,				
		caroliniensis,	carolina,	N. Amer.	9	ſerrate,	ditto,	ditto,				
		villoſa,	apple,	England,	7	pinnate,	large,	wooly,				
		centifolia,	100 leaved,	unknown	4	ditto,	ſmall,	green,				
		canina,	dog,	England,	8	ditto,	middling,	ditto,				
		pendula,	long fruit.	Europe,	6	ditto oval,	ditto,	ditto,				
		alba,	white,	ditto,	7	ditto,	ditto,	ditto,				
		ſpinoſiſſima,	ſcotch.	Scotland.	3	folioles und.	ſmall.	ditto.				
RUBUS. *Icoſandria, Polygynia.*	FLOWERING RASPBERRY.	*odoratus,*	flowering.	Virginia.	5	palmate.	middling.	green.	roſaceous.	F. compr. berry. S. oblong.	any	ſuckers, aut.
SPARTIUM. *Diadelphia, Decandria.*	BROOM.	*ſcoparium,*	common,	England,	6	ternate,	ſmall,	green,	H. papilionaceous.	F. cylindrical pod, S. roundiſh. and kidney ſhaped.	dry and warm	ſeeds.
		junceum,	ſpaniſh,	Spain,	10	lanceolate,	ditto,	ditto,				
		radiatum,	ſtarry,	Italy,	3	ternate lin.	ditto,	ditto,				
		monoſpermum,	ſingle ſeed.	Spain,	6	lanceolate,	ditto,	ditto,				
		angulatum,	eaſtern,	Aſia,	7	ternate,	ditto,	ditto,				
		ſpinoſum,	prickly,	S. Europe	6	ditto,	ditto,	ditto,				
		ſcorpius.	dit. yellow.	Spain.	5	ovate.	ditto.	ditto.				

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Fru H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
SPIRŒA. *Icoſandria, Pentogynia.*	SPIROEA FRUTEX.	*ſalicifolia,*	common,	Siberia,	4	lanceolate,	middling,	green,	H. pentapetalous.	F. oblong compreſſed capſules, S. acuminat	any	ſuckers. layers, or cuttings, autumn.
		tomentoſa,	red flower.	Philadel.	4	ditto,	ditto,	ditto,				
		hypericifolia,	hyperic. Fr.	Canada,	5	ovate,	ſmall,	dark gr.				
		crenata,	ſpaniſh,	Siberia,	4	oblong,	ditto,	green,				
		opulifolia,	guelder roſe,	N. Amer.	8	lobate,	large,	light gr.				
		ſorbifolia,	ſervice leav.	Siberia.	3	pinnate.	middling.	green.				
STAPHYLÆA. *Pentandria, Trigynia.*	BLADDER NUT.	*pinnata,*	common,	England,	10	pinnate,	middling,	light gr.	H. quinpetalous.	F. three inflated cap. S. hard and round.	any	ſeeds, layers, or cuttings, autumn.
		trifoliata,	three leav.	Virginia.	10	ternate.	ditto.	ditto,				
STEWARTIA. *Monodelphia, Polyandria.*	STEWARTIA.	*malacodendron.*	virginian.	Virginia.	10	ovato oblo.	middling.	green.	H. pentapetalous.	F. 5 lobed apple, S. oval and compr.	warm	ſeeds, layers, autumn.
STYRAX. *Dodecandria, Monogynia.*	STORAX.	*officinale.*	officinal.	Italy.	12	oval point.	middling.	light gr.	H. funnel ſhap.	F. roundiſh drupe, S. roundiſh point. nut.	warm and dry	ſeeds.

CLASS III. *Hardy deciduous* TREES *and* SHRUBS *of ſmaller Growth.*

GENERA. *Claſs and Order.*	*Engliſh Name.*	SPECIES. *Botanic.*	SPECIES. *Engliſh.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
SYRINGA. *Diandria, Monogynia.*	LILAC.	*vulgaris,* *perſica.*	common, perſian.	Perſia, ditto.	15 5	ov. heart ſh. lanceolate.	large, ſmall.	green, ditto.	H. funnel ſhap.	F. oblong comp. cap. S. oblong.	any	ſuckers, or layers, autumn.
TAMARIX. *Pentandria, Trigynia.*	TAMARISK.	*gallica,* *germanica.*	french, german.	S. Europe Germany	14 10	ſubulate, ditto.	ſmall, ditto.	light gr. ditto.	H. pentapetalous.	F. obl. three corned cap. S. ſmall and downy.	moiſt	cuttings.
VIBURNUM. *Pentandria, Trigynia.*	WAYFARING TREE.	*lantana,* *dentatum,* *nudum,* *prunifolium,* *opulus,* *aurifolium,* *caſſinoides.*	common, ſerrate leav. entire leav. plum leav. marſh elder, maple leav. baſt. caſſine.	England, Virginia, ditto, N. Amer. Europe, Virginia, Carolina.	15 10 10 10 15 10 10	cordate, ovate, lanceol. ov. ovate, lobate, ditto, ov. lanceol.	large, middling, ditto, ſmall, large, middling, ditto.	dark gr. light gr. lucid g. green, ditto, ditto, ditto.	H. umbellifer-rous Cor campanulate.	F. roundiſh berry, S. oſſeous & roundiſh.	any	ſeeds, layers, cuttings.
VITEX. *Didynamia, Angioſpermia.*	CHASTE TREE.	*agnus caſtus.*	agnus caſt.	S. Europe	6	digitate.	middling.	dark gr.	H. whorld ſpike Cor ringent.	F. globular berry, S. oval.	moiſt and light	layers, or cuttings.
ZANTHOXYLUM. *Dioecia, Pentandria.*	TOOTHACH TREE.	*clava-hercules.*	hercules-club.	N. Amer.	12	pinnate.	middling.	dark gr.	M. apetalous. F. ditto.	F. oblong capſule. S. roundiſh.	warm	ſeeds.

CLASS IV. *Hardy evergreen* TREES *of the tallest Growth.*

GENERA. Class and Order.	English Name.	SPECIES. Botanic.	SPECIES. English.	Native of	Feet H.	FOLIAGE. Shape.	FOLIAGE. Size.	FOLIAGE. Colour.	Flower.	Fruit and Seed.	Soil.	Propagation.
BUXUS. *Monœcia, Tetrandria.*	BOX TREE.	*arborescens.*	common.	England.	20	oval.	small,	lucid gr.	M. hipetalous. F. tripetalous.	F. roundish capsule, S. oblong.	any	seeds, cuttings.
CUPRESSUS. *Monœcia, Monadelphia.*	CYPRESS TREE.	*sempervirens,*	upright,	Levant,	25	imbricate,	small,	dark gr.	M. oval ament.	F. subglobose cone,	gravel or chalk	seeds.
		horizontalis,	male spread.	Spain,	20	ditto acute,	ditto,	ditto,	F. roundish cone	S. angulate nut.		
		lusitanica.	portugal.	Portugal.	20	dit. aculeat.	ditto.	ditto.				
ILEX. *Tetrandria, Tetragynia.*	HOLLY.	*aquifolium,*	common,	England,	30	obl. oval,	middling,	dark gr.	H. monopetal.	F. roundish berry, S. oblong.	any	seeds, grafting, or inoculation.
		canadensis,	hedge-hog,	Canada,	25	oval,	ditto,	ditto,				
		cassine.	dahoon.	Carolina.	20	ov. lanceol.	ditto.	ditto.				
JUNIPERUS. *Dioecia, Monadelphia.*	JUNIPER, and BERRY-BEARING CEDAR.	*communis,*	common,	England,	18	ternate,	small,	light gr.	M. conical katkin, F. tripetalous.	F. roundish fleshy umbilicated berry, S. oblong convex and angular.	dry	seeds, spring.
		suecia,	swedish j.	Sweden,	18	ditto,	ditto,	ditto,				
		oxycedrus,	spanish j	Spain,	25	dit. subulat.	ditto,	green,				
		virginiana,	virginian c.	N. Amer.	30	ternate,	ditto,	dark gr.				
		thurifera,	spanish c.	Spain,	30	imbricate,	ditto,	ditto,				
		bermudiana,	bermudas c.	Bermud.	20	ter. & binat.	ditto,	ditto,				
		caroliniana,	carolina c.	Carolina,	20	ter. & imbr.	ditto,	green,				
		lycia,	lycian c.	Spain,	25	imbricate,	ditto,	ditto,				
		phœnicia.	phœnician c.	S. France.	20	ter. & imbr.	ditto.	ditto.				

CLASS IV. *Hardy evergreen* TREES *of the tallest Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
LAURUS. *Enneandria, Monogynia.*	BAY TREE.	*nobilis.*	common.	Italy.	25	oval lanceo.	middling.	dark gr.	H. hexapetal.	F. ov. point. drupe, S. oval pointed nut.	dry	seeds, layers.
MAGNOLIA. *Polyandria, Polyginia.*	MAGNOLIA.	*grandiflora.*	laurel leav.	N. Amer.	25	ov. lanceol.	large.	light gr.	H. ennepetal.	F. ova. strobilus, S. roundish & baccated.	dry and warm	seeds, layers, cuttings.
PINUS. *Monoecia, Monadelphia.*	PINE TREE.	1 *sylvestris,*	pineaster,	N. Europ.	50	2 subulate,	small,	dark gr.	M. scaly racemus. F. imbricated oval pointed cone.	F. imbricated cone, S. oblong oval nut with a membranaceous wing.	1 any	seeds, spring.
		2 *pinea,*	wild or stone p.	Italy,	30	2 ciliated,	long,	green,			2 dit.	
		3 *tæda,*	swamp p.	N. Amer.	70	3 narrow,	ditto,	ditto,			3 moi	
		4 *halepensis,*	aleppo p.	Asia,	40	2 narrow,	small,	ditto,			4 dry	
		5 *virginiana,*	two leav. p.	N. Amer.	70	2 long,	ditto,	light gr.			5 moi.	
		6 *tartarica,*	tartarian p.	Tartary,	50	2 short & br.	ditto,	ditto,			6 dry	
		7 *rubra,*	scotch fir p.	Scotland.	60	2 shorter,	ditto,	bay gr.			7 dit.	
		8 *strobus,*	weymou. p.	N. Engl.	80	5 long, slen.	ditto,	light gr.			8 any	
		9 *cembra,*	cembra p.	Siberia,	30	5 setose,	ditto,	green,			9 dry	
		10 *rigida,*	3 leaved p.	Virginia,	70	3 ternate,	long,	ditto,			10 mo.	
		11 *echinata,*	prick. con p.	N. Amer.	50	2 & 3 long,	small,	yellow gr			11 any	
		12 *palustris,*	3 lea. marsh	ditto.	50	trifoliate,	lo ng,	green,			12 mo.	

CLASS IV. *Hardy evergreen* TREES *of the tallest Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
PINUS. *Monœcia, Monadelphia.*	CEDAR of LEBANON and FIR TREE.	13 *cedrus*,	cedar of L.	Paleſtine,	25	facicul. ac.	ſmall,	dark gr.	M. ſcaly racemus. F. imbricated oval pointed cone.	S. oblong oval nut with a membranaceous wing.	13 dry 14 dit. 15 dit. 16 any 17 dry 18 rich 19 dit. or moiſt	ſeeds, ſpring.
		14 *alba*,	ſilver f.	Scotland,	70	ſubulate,	ditto,	light gr.				
		15 *picea*,	norway f.	N. Europ.	80	ditto,	ditto,	dark gr.				
		16 *canadenſis*,	newfound. f.	N. Amer.	60	ſingle & lin.	ditto,	ditto,				
		17 *orientalis*,	eaſtern f.	Aſia,	25	ſhort & ſqu.	ditto,	green,				
		18 *balſamea*,	balm of Gilead f.	Scotland,	40	emarginate,	ditto,	ditto,				
		19 *americana*.	hemlock f.	N. Amer.	18	ſubemargin.	ditto.	ditto.				
QUERCUS. *Monœcia, Polyandria.*	EVERGREEN OAK.	*ſuber*,	cork,	S Europe.	20	ovato obl.	middling,	dark gr.	M. looſe ament. F. apetalous.	F. hemiſpherical coriaceous cup, S. oval nut or acorn.	any	acorns when ripe.
		ilex,	evergreen,	Spain,	40	ditto,	ditto,	ditto,				
		gramuntia,	holly leav.	S. France,	30	dit. ſpinoſe,	ditto,	green,				
		coccifera,	kermes,	ditto,	18	oval,	larger,	ditto,				
		phellos.	live.	N. Amer.	50	lanceol. ov.	middling.	ditto.				
PRUNUS. *Lauro-ceraſus, Icoſandria, Monogynia.*	LAUREL.	*lauro-ceraſus*,	common,	Trebiſond	20	lanceol. ov.	large,	light gr.	H. racemous roſaceous and pentapetalous.	S. roundiſh drupe, S. roundiſh compreſſed nut.	any	ſeeds, or cuttings, autumn or ſpring.
		luſitanica.	portugal.	Portugal.	16	obl. oval.	ſmall.	ditto.				

CLASS IV. *Hardy evergreen* TREES *of the tallest Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
TAXUS. *Diœcia, Monadelphia.*	YEW TREE.	*baccata.*	common.	England.	50	linear.	small.	dark gr.	M. apetalous. F. ditto.	F. moist berry, S. oval nut.	any	seeds, or layers.
THUYA. *Monœcia, Monadelphia.*	ARBOR-VITÆ.	*occidentalis, orientalis.*	common, chinese.	Canada, China.	25 20	imbricate.	small.	dark gr. pale gr.	M. oval amentum, F. oval cone apetalous.	F. oval oblo. cone. S. oblong & winged.	any	seeds, layers, or cuttings.

CLASS V. *Hardy evergreen* TREES *and* SHRUBS *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
ARBUTUS, *Decandria, Monogynia.*	STAWBERRY TREE.	*unedo, andrachne.*	common, oriental.	S. Europe Asia.	8 10	ov. crenate. ov. smooth.	middling, ditto.	green, ditto.	H. pitcher shap.	F. roundish berry, S. small.	any	seeds, layers.
ARTEMISIA. *Syngenesia, Polygamia, Superflua.*	MUGWORT.	*arborescens.*	tree wormwood.	Italy.	6	compound.	small,	hoary.	H. tubulous, F. ditto.	F. none, S. single & naked.	warm	cuttings.
ATRIPLEX. *Polygamia, Monoecia.*	SEA PURSLAIN TREE.	*halimus, portulacoides.*	common, narrow leav.	Spain, England.	6 4	deltoid, ob. ovate.	small, less.	whitish g. ditto.	H. apetalous, F. ditto.	F. none, S. round & compressed.	any	cuttings.
BUPLEURUM. *Pentandria, Digynia.*	HARTWORT.	*fruticosum.*	willow leav.	S. France.	8	ovato oblo.	middling.	pale gr.	H. longish umbel, Cor. quinpetalous.	F. round. S. ov. oblo.	warm and dry	seeds, cuttings, autumn.
CELASTRUS. *Pentandria, Monogynia.*	STAFF TREE.	*bullatus,*	unarmed.	Virginia.	8	oval intire.	middling.	green.	H. pentapetalous	F. ov. blunt three cornered capsule. S. oval.	moist	layers, autumn.

CLASS V. *Hardy evergreen* TREES *and* SHRUBS *of a less Growth.*

GENERA. Class and Order.	SPECIES. English Name.	Botanic.	English.	Native of	Fit H.	FOLIAGE. Shape.	Size.	Colour.	Flower.	Fruit and Seed.	Soil.	Propagation.
CHENOPODIUM. *Pentandria, Digynia.*	ORACH.	*fruiticosum.*	shrubby.	England.	6	lanceolate.	small,	light gr.	H. apetalous.	F. pentangular, S. round & depressed.	any	suckers, or cuttings.
CISTUS. *Polyandria, Monogynia.*	ROCK ROSE.	*populifolius,*	poplar leav.	S. Europ.	6	cordate,	middling,	green,	H. pentapetalous.	F. roundish covered capsule, S. roundish.	warm and dry	seeds, or cuttings.
		laurifolius,	bay leav.	Spain,	6	oblong ov.	ditto,	ditto,				
		incanus,	hoary leav.	ditto,	4	spatulate,	ditto,	whitish,				
		laudaniferus,	laudanum,	S.Europ.	7	lanceolate,	ditto.	green,				
		monspeliensis,	montpelier,	S.France.	4	linear lanc.		dark gr.				
		albidus,	white leav.	S.Europ.	5	ov. lanceol.		white,				
		salvifolius,	sage leaved,	ditto.	3	ovate,	middling,	green.				
		crispus,	waved leav.	Portugal.	4	lanceolate,	ditto.	white,				
		halimifolius,	sea purslain leav.	Spa. &Po.	4	broad obtuse	small,	ditto,				
		pilosus,	hairy leav.	Ita. & Sp.	3	ovate,	middling,	green,				
		creticus,	cretan,	Levant,	3	oval lanceo.	ditto,	ditto,				
		libanotes.	narrow lea.	Spain.	4	revolute lin.	ditto.	ditto.				
CNEORUM. *Triandria, Monogynia.*	WIDOW-WAIL.	*tricocum.*	common.	S.Europe	3	oblong.	small.	dark gr.	H. tripetalous.	F. a dry globular trilobate berry, S. round.	dry	seeds, or cuttings.

CLASS V. *Hardy evergreen* TREES *and* SHRUBS *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
CUPRESSUS. *Monoecia, Monadelphia.*	CYPRESS.	*thyoides, juniperoides.*	blue berri. cape.	Canada, Cape.	14 10	imbricate, opposite subulate.	small, ditto.	dark gr. ditto.	M. oval amentum, F. roundish cone.	F. subglobose cone, S. angulate nut.	warm dry	seeds, or cuttings, spring.
CORONILLA. *Diadelphia, Decandria.*	JOINTED-PODDED COLUTEA.	*glauca, argentea.*	maritime, silvery.	Spain, Crete.	2 2	winged, ditto.	small, ditto.	blue gr. white.	H. papilionaceous.	F. long taper pod, S. oblong.	warm dry	seeds.
CYTISUS. *Diadelphia, Decandria.*	BASE TREE-TREFOIL.	*hirsutus.*	hairy.	Italy.	6	oval trifol.	small.	green.	H. papilionaceous.	F. hairy pod, S. reniform.	any	seeds.
DAPHNE. *Octandria, Monogynia.*	SPURGE-LAUREL.	*laureola.*	common.	England.	3	lanceolate.	middling.	light gr.	H. funnel shap.	F. roundish berry, S. roundish.	any	seeds.
EPHEDRA. *Dioecia, Monadelphia.*	HORSE-TAIL.	*distachya.*	shrubby.	S. Europ.	5	jointed.	small.	green.	M. oval ament. F. apetalous.	F. squam. S. ov. point.	moist	suckers.

CLASS V. *Hardy evergreen* TREES *and* SHRUBS *of a less Growth.*

GENERA.		SPECIES.				FOLIAGE.						
Class and Order.	*English Name.*	*Botanic.*	*English.*	*Native of*	*Feet H.*	*Shape.*	*Size.*	*Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
EUONYMUS. *Pentandria, Monogynia.*	SPINDLE TREE.	*americanus.*	evergreen.	Virginia.	7	lanceolate.	middling.	green.	H. pentapetal.	F. coloured capsule, S. oval.	any	seeds, layers, or cuttings.
JUNIPERUS. *Diœcia, Monadelphia.*	SAVIN.	*sabina, lusitanica.*	spreading, upright.	S.Europ.	2 8	linear, acute point.	small, ditto.	dark gr. ditto.	M. conical katkin, F. tripetalous.	F. roundish fleshy berry. S. oblong.	any	slips, aut.
KALMIA. *Decandria, Monogynia.*	KALMIA.	*latifolia, angustifolia.*	broad leav. narrow lea.	N.Amer.	5 4	ovate, lanceolate.	middling, ditto.	light gr. ditto.	H. tubulate.	F. roundish depres. caps. S. small.	moist and light	seeds, layers autumn, or suckers, spr.
LIGUSTRUM. *Diandria, Monogynia.*	PRIVET.	*italiacum.*	evergreen.	Italy.	10	lanceolate.	middling.	dark gr.	H. funnel shap.	F. roundish berry, S. conve & angular.	any warm	seeds, layers, or cuttings.
MEDICAGO. *Diadelphia, Decandria.*	MOON-TREFOIL.	*arborea.*	shrubby.	Italy.	6	trifoliate.	small.	hoary.	H. papilionaceous.	F. compres. inflexed pod, S. kidn. sh.	warm and light	seeds, or cuttings, spring.

CLASS V. *Hardy evergreen* TREES *and* SHRUBS *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
MESPILUS. *Icosandria, Pentagynia.*	PYRACANTHA.	*pyracantha.*	evergreen thorn.	Italy.	12	lanceol. ov.	middling.	dark gr.	H. pentapetalous and rosaceous.	F. round umbilicated berry, S. gibbous.	any	seeds, or layers, autumn.
OTHONNA. *Syngenesia, Polygamia, Necessaria.*	RAGWORT.	*pectinata.*	sea.	France.	3	pinnatifid.	large.	hoary.	H. and F. compound and radiated.	S. oblong.	dry	cuttings.
PHILLYREA, *Diandria, Monogynia.*	MOCK-PRIVET.	*media.* *latifolia.* *angustifolia.*	oval, broad leav. narrow leav.	South of Europe.	14 12 8	ov. lanceol. cordate ov. linear lanc.	middling, ditto, ditto.	dark gr. ditto, ditto.	H. funnel shap.	F. globular berry, S. round.	any	seeds, or layers, autumn.
PHLOMIS. *Didynamia, Gymnospermia.*	JERUSALEM-SAGE.	*fruticosa,* *purpurea.* *angustifolia.*	yellow, purple, narrow lea.	Spain, Italy, ditto.	5 4 4	roundish, cordate obl. ov. lanceol.	middling, ditto, less.	hoary, ditto, ditto.	H. monopetalous & ringent.	F.S. oblong and corner.	dry	layers, or slips.
PRINOS. *Hexandria, Monogynia.*	WINTER-BERRY.	*glaber.*	evergreen.	Canada.	7	lanceolate.	middling.	green.	H. monopetalous and rotate.	F. roundish berry, S. obtuse.	dry sandy	seeds.

CLASS V. *Hardy evergreen* TREES *and* SHRUBS *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
PYRUS. *Icosandria, Monogynia.*	CRAB TREE.	*coronaria-sempervirens.*	evergreen.	Virginia.	10	oblong and angulate	middling.	green.	H. pentapetalous and rosaceous.	F. roundish apple, S. oblong & pointed.	any	grafting, or inoculation.
RHAMNUS. *Pentandria, Monogynia.*	BUCKTHORN.	*communis,* *lycioides,* *oleoides.*	alaternus, narrow leav. olive leav.	South of Europe.	14 10 10	oval, ov. narrow, oblong.	middling, small, ditto.	dark gr. ditto, ditto.	H. funnel shap.	F. round naked berry, S. round & gibbous.	any	seeds, or layers.
RHODODENDRON *Decandria, Monogynia.*	DWARF ROSE-BAY.	*maximum,*	{american mountain laurel,	Virginia,	8	oval lanceo.	large,	light gr.	H. rotato funnel shaped.	F. oval capsule. S. small.	sandy	seeds.
		ponticum.	{pontic dw. rose bay.	East.	5	lanceolate.	middling.	green.				
ROSA. *Icosandria, Polygynia.*	ROSE TREE.	*sempervirens.*	evergreen.	Germany	6	pinnate.	middling.	green.	H. pentapetalous.	F. umbilicated ber. S. oblong.	any	layers.
RUSCUS. *Dioecia, Syngenesia.*	KNEE HOLLY or BUTCHER'S BROOM.	*aculeatus,* *hypophyllum,* *hypoglossum,* *racemosus.*	common, broad leav. ditto, alexan. lau.	England, Italy, Hungary, Archipel.	3 3 1 5	oblong, oval point. lanceolate, obl. lanceol.	small, middling, ditto, ditto.	dark gr. light gr. dark gr. ditto.	M. apetalous. F. ditto.	F. round trilocular berry, S. round.	any	parting the roots.

CLASS V. *Hardy evergreen* TREES *and* SHRUBS *of a less Growth.*

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Ft. H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
SALSOLA. *Pentandria, Dygynia.*	STONE CROP TREE.	*fruticosa.*	shrubby.	England, France, & Spain.	5	narrow, taper, and fleshy.	small.	light gr.	H. apetalous.	F. oval cap. S. large and spiral.	warm	suckers, layers, or cuttings.
TEUCRIUM. *Didynamia, Gymnospermia.*	GERMANDER.	*flavum.*	tree.	S. Europe	3	cordate.	middling.	light gr.	H. ringent.	S. roundish.	dry	cuttings.
VIBURNUM. *Pentandria, Trigynia.*	LAURUSTINUS.	*tinus.*	common.	S. Europe.	7	ovate.	middling.	green.	H. umbellifer. Cor. campanul.	F. roundish berry, S. osseous & roundish.	dry	layers.
VISCUM. *Dioecia, Tetradynamia.*	MISSELTOE.	*album.*	common.	England.	3	lanc. obtuse	middling.	light gr.	M. apetalous, F. ditto.	F. a round berry. S. obtuse & compressed.	trees	seeds.

CLASS VI. *Hardy perennial climbing* PLANTS.

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Pri H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
BIGNONIA. *Didynamia, Angiospermia.*	TRUMPET-FLOWER.	*sempervirens,*	evergreen.	Virginia,	30	lanceolate,	middling.	green,	H. tubulate.	F. bivalve pod, S. compref. & winged.	warm	layers, or cuttings.
		unguis-cati,	quadrifolia.	Barbado.	25	conjugate,	ditto,	ditto,				
		capreolata,	capreolate,	N. Amer.	24	oblong,	ditto,	ditto,				
		radicans.	radicant.	ditto.	40	pinnate.	large.	dark gr.				
CELASTRUS. *Pentandria, Monogynia.*	STAFF TREE.	*scandens.*	climbing.	Canada.	12	oblo. serrat.	middling.	green.	H. quinpetalous.	F. oval coloured cap. S. ovate.	any	layers, spr. or seeds, aut.
CLEMATIS. *Polyandria, Polygynia.*	CLIMBER, or VIRGIN'S BOWER.	*viticella,*	virg. bower,	S. Europ.	25	double com.	large,	green,	H tetrapetalous.	S. roundish and compressed.	any	layers, summer.
		viorna,	virginian,	Virginia,	12	double pin.	ditto,	ditto,				
		crispa,	carolinian,	Carolina,	6	trilobate,	middling,	dark gr.				
		orientalis,	eastern,	East,	10	compound,	ditto,	green,				
		vitalba,	travell. joy,	England,	40	pinnate,	ditto,	light gr.				
		cirrhosa,	evergreen,	Spain,	6	ternate,	ditto,	ditto,				
		flammula,	creeping,	S. France.	18	pinnate,	middling,	ditto,				
		dioecia.	sweet scent.	N. Amer.	18	ternate.	ditto.	ditto.				
CYNACHIUM. *Pentandria, Digynia.*	SCAMMONY.	*acutum,*	acute leav.	S. Europ.	8	cordate obl.	middling,	green,	H. monopetalous.	F. oblong folicul. S. oblong & pappous.	dry and warm	parting roots, or cuttings.
		monspeliacum,	round leav.	S France,	10	reniform,	large,	ditto,				
		suberosum.	periploca.	Carolina.	7	cord. point.	middling.	ditto,				

CLASS VI. *Hardy perennial climbing* PLANTS.

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
GLYCINE. *Diadelphia, Decandria.*	KIDNEY-BEAN TREE.	*frutescent,*	carolina,		20	pinnate,	large,	light gr.	H. papilionaceous.	F. oblong pod, S. kidney shaped.	warm and shelt.	seeds.
		apios,	ash leav. milk vet.	N. Amer.	9	ditto,	ditto,	green,				
		comosa,	maryland,		4	ternate,	middling,	ditto,				
		monoica,	virginian,		6	trifoliate,	ditto,	ditto,				
		tomentosa.	rest harrow.		5	ternate.	ditto.	hoary gr.				
HEDRA. *Pentandria, Monogynia.*	IVY.	*helix,*	common,	England,	40	ov. & lobate	large,	dark gr.	H. quinpetalous.	F. globular berry, S. gibbous.	any	seeds, or cuttings.
		quinquefolia.	creeper.	Virginia.	30	quinate.	ditto.	green.				
HUMULUS. *Diœcia, Pentandria.*	HOP.	*lupulus.*	common.	England.	30	palmate.	large.	light gr.	M. apetalous, F. ditto.	S. roundish.	any	root cutt.
LONICERA. *Pentandria, Monogynia.*	HONEY-SUCKLE.	*caprifolium,*	italian,	S. Europ.	20	oval,	middling,	green,	H. tubulate.	F. umbilic. berry, S. roundish & compres.	any	cuttings.
		periclymenum,	english,	England,	25	oblong,	ditto,	light gr.				
		germanica,	dutch,	Germany	18	ditto,	ditto,	ditto,				
		virginiana.	trumpet.	Virginia.	16	oblo. oval.	ditto.	ditto.				
LYCIUM. *Pentandria, Monogynia.*	BOX-THORN.	*chinense.*	broad leav.	Asia.	20	ov. lanceol.	middling.	green.	H. Cor. funnel shaped.	F. roundish berry, S. kidney shaped.	any	cuttings, or layers.

CLASS VI. *Hardy perennial climbing* PLANTS.

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Fut H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
MENISPERMUM. *Diœcia, Dodecandria.*	MOONSEED.	*canadensis,* *virginicum,* *carolinum.*	canada, virginia, carolina.	N.Amer. ditto, ditto.	15 12 10	round. ang. cordate, ditto.	large, ditto, middling.	green, ditto, ditto.	M. twelve oval petals, F. ditto.	F. roundish kidney shap. berry, S. kidn. sh.	light	parting the roots.
PASSIFLORA. *Gynandria, Pentandria.*	PASSION-FLOWER.	*cærulea.*	common.	Brasils.	25	palmate.	large.	green.	H. quinpetalous.	F. oval fleshy berry S. oval.	dry	cuttings, or layers.
PERIPLOCA. *Pentandria, Digynia.*	CLIMBING DOG'S-BANE.	*græca.*	common.	Syria.	30	lanc. ovate.	middling.	bright gr.	H. Cor. rotated.	F. oblong folicules, S. pappous.	light and moist	cuttings, or layers.
RUBUS. *Icosandria, Polygynia.*	BRAMBLE.	*fruticosus,* *canadensis.*	common, canada.	England, N.Amer.	15 10	digitate, ternate.	middling, ditto.	green, ditto.	H. quinpetalous.	F. compo. berry, S. round.	any	cuttings.

CLASS VI. *Hardy perennial climbing* PLANTS.

GENERA. *Class and Order.*	*English Name.*	SPECIES. *Botanic.*	SPECIES. *English.*	*Native of*	*Feet H.*	FOLIAGE. *Shape.*	FOLIAGE. *Size.*	FOLIAGE. *Colour.*	*Flower.*	*Fruit and Seed.*	*Soil.*	*Propagation.*
SMILAX. *Dioecia, Hexandria.*	ROUGH BINDWEED.	*aspera,*	common,	S. Europ.	10	cordate,	middling,	dark gr.	M. apetalous, F. ditto.	F. globular trilocular berry, S. globular.	any	suckers, or seeds.
		excelsa,	oriental,	Asia,	50	sagittate,	ditto,	green,				
		sarsaparilla,	peruvian,	S. Amer.	20	oval,	ditto,	dark gr.				
		retundifolia,	canada,	N. Amer.	10	reniform,	ditto,	green,				
		laurifolia,	laurel leav.	ditto,	4	ov. pointed,	ditto,	ditto,				
		tamnoides,	briony leav.	ditto,	10	cordate obl.	ditto,	ditto,				
		lanceolata.	spear shap.	Virginia.	12	lanceolate.	ditto.	ditto.				
SOLANUM. *Pentandria, Monogynia.*	NIGHT-SHADE.	*dulcamara,*	woody.	England.	16	hastate.	middling.	green.	H. rotate.	F. roundish berry, S. roundish.	any	cuttings.
VINCA. *Pentandria, Monogynia.*	PERI-WINKLE.	*lutea.*	yellow.	Carolina.	8	oblong,	middling.	green.	H. salver shaped.	F. two long folicules. S. oblong.	warm and light	runners.
VITIS. *Pentandria, Monogynia.*	GRAPE-VINE	*labrusca,*	wild,	Virginia,	30	trilobate,	large,	green,	H. quinpetalous.	F. roundish berry, S. roundish	any	cuttings, or layers.
		vulpina,	fox,	ditto,	30	cordate,	ditto,	ditto,				
		laciniatis,	parsley lea.	Canada,	30	jagged,	ditto.	ditto,				
		arborea.	pepper.	Carolina.	20	supra deco.	small.	bright gr.				

A Catalogue of the principal Varieties belonging to the foregoing List of Trees and Shrubs.

CLASS I.

ACER. Maple and Sycamore.

Pseudo platanus, striped leaved S.
Platanoides, jagged leaved M.
variegated M.

ÆSCULUS. Horse-Chesnut Tree.

Hippocastanum, gold striped H. C.
silver striped H. C.

BETULA. Birch.

Nigra, broad leaved B.
poplar leaved B.
paper B.
brown B.
Lenta, dusky canadian B.

FAGUS. Beech and Chesnut Tree.

Sylvatica, yellow striped B.
white striped B.
american purple B.
Castanea, gold striped C.

FRAXINUS. Ash Tree.

Excelsior, silver striped A.
gold striped A.

JUGLANS. Walnut and Hickery.

Regia, common W.
large W.
thin shelled W.
twice bearing W.
french W.
jagged leaved W.
Nigra, oblong black virginian W.
white oblong W.
Alba, small H.
Ovata, shag bark H.

PINUS. Larch.

Larix, red L.
white L.
black L.
siberian L.

QUERCUS. Oak.

Robur, variegated O.
Nigra, black or water O.
Rubra, red O.
Phellos, live O.

TILIA. Lime.

Europæa, striped L.

ULMUS. Elm.

Campestris, silver striped E.
gold striped E.
Angustifolia, silver striped E.
gold striped E.
Glabra, broad leaved E.
silver striped E.
gold striped E.
Hollandia, narrow leaved E.
silver striped E.
gold striped E.

CLASS II.

ACER. Maple.

Rubrum, Sir Charles Wager's M.

ÆSCULUS. Horse-Chesnut.

Pavia, yellow flowering H. C.

A Catalogue of the principal Varieties belonging to the foregoing Lift of Trees and Shrubs.

BETULA. Alder.

Anus, { black A. / ſcarlet A. / hoary leaved A.

CARPINUS. Hornbeam.

Betulus, { gold ſtriped H. / eaſtern H.

CRATÆGUS. Hawthorn and Service.

Oxycantha, { double bloſſomed H. / yellow berried H. / glaſtonbury H. / ſcarlet H.

Crus galli, { plum leaved H. / ſhort ſpined H.

Terminalis, { ſerrated leaved S. / round leaved S.

Azarolus, { double flowering A. / large red fruited A. / ſmall yellow fruited A. / long fruited A.

CYTISUS. Laburnum.

Laburnum, { variegated L. / ſhort flowered L.

Anguſtifolium, { narrow leaved L. / variegated narrow leaved L.

EUONYMUS. Spindle Tree.

Europæus, { white capſuled S. / variegated S. / narrow leaved S.

GLEDITSIA. Acacia.

Spinoſa, water A

MESPILUS. Medlar.

Germanica, { ſmall fruited M. / oblong fruited M. / bay leaved M.

MORUS. Mulberry.

Laciniata, jagged leaved M.

PRUNUS. Plum, Cherry, and Bird Cherry.

Inſtitiana, { white bullace P. / red bullace P.

Spinoſa, double flowering ſloe P.

Domeſtica, { ſtriped leaved P. / gold bleached P. / double bloſſom P.

Avium, { wild black C. / double flowering wild C.

Ceraſus, double flowering C.

PYRUS. Pear and Apple Tree.

Communis, { double flowering P. / twice flowering P.

Malus, double flowering A.

RHUS. Sumach.

Typhinum, large Virginian S.

SAMBUCUS. Elder.

Nigra, { green berried E. / white berried E. / ſilver ſtriped E. / gold ſtriped E.

Laciniata, parſley leaved E.

A Catalogue of the principal Varieties belonging to the foregoing Lift of Trees and Shrubs.

SORBUS. Service Tree.

Domeſtica, { pear ſhaped fruited S.
apple ſhaped fruited S.

CLASS III.

AMYGDALUS. Almond and Peach.

Nana, double flowering dwarf A.
Perſica, dwarf orleans P.

BERBERIS. Berberry.

Vulgaris, { ſtoneleſs B.
white fruited B.

CERCIS. Judas Tree.

Siliquaſtrum, { white flowering J.
broad podded J.

CORNUS. Cornel Tree.

Sanguinea, ſtriped leaved C.
Mas, { white fruited C.
red fruited C.

DAPHNE. Mezerean.

Mezereum, { white M.
red M.
variegated M.

EUONYMUS. Spindle Tree.

Europæus. { white capſuled E.
broad leaved E.
variegated E.

HIBISCUS. Althæa Frutex, or Syrian Mallow.

Syriacus, { white A.
red and white A.
yellow A.
purple A.
pale purple A.
ſilver ſtriped A.
gold bloached A.

JASMINUM. Jasmine.

Officinalis, { gold ſtriped J.
ſilver ſtriped J.

LIGUSTRUM. Privet.

Vulgare, { ſilver ſtriped P.
gold bloached P.

PHILADELPHUS. Syringa.

Coronarius, { double flowering S.
variegated S.
dwarf S.

ROSA. Rose Tree.

Gallica, { double red R.
mundi R.
ſingle velvet R.
double velvet R.
bluſh belgic R.
red belgic R.
bluſh monthly R.
red monthly R.
white monthly R.
ſtriped monthly R.
red damaſk R.
white damaſk R.
bluſh damaſk R.
double virgin R.
marbled R.

A CATALOGUE of the principal VARIETIES belonging to the foregoing List of Trees and Shrubs.

Gallica,	spanish R. yellow austrian R. double yellow R. francfort R.
Pimpinelli folia,	red flowered R. black burnet leaved R. white burnet leaved R.
Eglanteria,	semi-double sweet briar. double red S. B. maiden's blush S. B. yellow flowering S. B.
Cinnamomea,	double cinamon R.
Carolinensis,	pensylvanian R. double pensylvanian R. pale red american R.
Alba,	semi-double white R. double white R. maiden's blush R.
Centifolia,	deep red provence R. pale red provence R. cabbage provence R. dutch provence R. moss provence R. blush hundred leaved R. dutch hundred leaved R.
Spinosissima,	white flowering scotch R. red flowering scotch R. striped flowered scotch R. marbled flowered scotch R.

SPARTIUM. BROOM.

Junceum,	double flowering B.
Monospermum,	white flowering B.

SYRINGA. LILAC.

Vulgaris alba,	yellow bloached L. white bloached L. blue flowered L. purple flowered L.
Persica,	white persian L. cut leaved L.

VIBURNUM. WAY-FARING TREE.

Lantana,	variegated W. ovate leaved W.
Opulus,	gelder rose, striped leaved gelder rose.

VITEX. CHASTE TREE.

Agnus Castus,	white narrow leaved C. broad leaved purple C. broad leaved white C.

CLASS IV.

BUXUS. BOX TREE.

Arborescens,	gold striped B. silver edged B. gold edged B. narrow leaved B. gold edged narrow leaved B. gold tipped B.

ILEX. HOLLY TREE.

Aquifolium,	smooth leaved green H. saw leaved green H. white berried H. yellow berried H. bloached leaved H. green hedge hog H. silver edged hedge hog H. gold edged hedge hog H. gold bloached hedge hog H.

A Catalogue of the principal Varieties belonging to the foregoing Lift of Trees and Shrubs.

LAURUS. Bay Tree.

Nobilis,
- broad leaved B.
- narrow leaved B.
- waved leaved B.
- double flowering B.
- ſtriped leaved B.

MAGNOLIA. Laurel leaved Tulip Tree.

Grandiflora, narrow leaved M.

PINUS. Pine or Fir Tree.

Canadenſis,
- newfoundl. black ſpruce F.
- newfoundl. white ſpruce F.
- newfoundl. red ſpruce F.

Picea, long coned Corniſh F.

QUERCUS. Oak and Cork Trees.

Coccifera, prickly cupped kermes O.

Suber,
- broad leaved cork tree.
- narrow leaved cork tree.

PRUNUS. Laurel.

Lauro-ceraſus,
- ſilver ſtriped L.
- gold ſtriped L.

TAXUS. Yew Tree.

Baccata,
- ſhining broad leaved Y.
- ſtriped leaved Y.

THUYA. Arbor Vitæ.

Occidentalis,
- ſtriped leaved,
- ſweet ſcented.

CLASS V.

ARBUTUS. Strawberry Tree.

Unedo,
- double flowering A.
- red flowering A.
- yellow berried A.

CISTUS. Rock Rose.

Incanus,
- long leaved hoary C.
- rounder leaved C.
- large hoary leaved C.

Halimifolius,
- broad ſea purſlain leaved C.
- narrow ſea purſlain leaved C.

DAPHNE. Spurge Laurel.

Laureola, variegated D.

JUNIPERUS. Savin.

Sabina, ſtriped leaved S.

PHILLYREA. Mock Privet.

Media,
- privet leaved P.
- olive leaved P.

Latifolia,
- ilex leaved P.
- ſerrate leaved P.

Anguſtifolia,
- roſemary leaved P.
- variegated P.

RHAMNUS. Alaternus.

Communis,
- gold ſtriped A.
- ſilver ſtriped A.
- gold bloached A.
- jagged leaved A.

VIBURNUM. Laurustinus.

Tinus,
- gold ſtriped broad leaved L.
- gold ſtriped narrow leaved L.
- ſilver ſtriped broad leaved L.
- ſilver ſtriped narrow leav. L.
- hairy leaved L.
- ſhining leaved L.

A Catalogue of the principal Varieties belonging to the foregoing Lift of Trees and Shrubs.

CLASS VI.

CLEMATIS. Virgin's Bower.

Vitiella,
- blue V.
- red V.
- double purple V.

HEDERA. Ivy.

HELIX.
- filver ftriped I.
- gold ftriped I.
- yellow berried I.

LONICERA. Honeysuckle.

Caprifolium,
- early white italian H.
- early red italian H.
- yellow italian H.
- late red italian H.

Periclymenum,
- white englifh H.
- trumpet H.
- red H.
- variegated H.
- oak leaved H.
- ftriped oak leaved H.

Germanica,
- red dutch H.
- long flowering H.
- late flowering H.

RUBUS. Bramble.

Fruticofus,
- prickleſs B.
- double flowered B.
- white fruited B.
- ftriped leaved B.

SMILAX. Rough Bindweed.

Aspera,
- black berried S.
- narrow leaved S.

SOLANUM. Nightshade.

Dulcamara,
- white flowering N.
- filver ftriped N.
- gold ftriped N.
- double flowering N.

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FINIS.